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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
JANUARY 1964

General

Weather Conditions: The first frost occurred on January 15, killing some crops along the east Park boundary. The Hole-in-the-Doughnut farmers, however, were only slightly affected. Other than the short cold spell, temperatures were about normal, ranging from the low 80's during the day to the middle 50's at night. Rainfall was light, scattered and somewhat below the 10-year average at Royal Palm. The water table continued to drop and by the end of the month read 3.18 feet at Taylor Slough. This is higher than the 2.39 recorded for the same month in 1963 and considerably higher than the 0.59 feet reached in 1962. Below is a general weather summary for the Park:

Station	Max. Temp.	Mean Max.	Min. Temp.	Mean Min.	Rainfall
Royal Palm	88	75.8	30	57.2	0.24
Tamiami	86	76.1	33	57.3	1.00
Flamingo	82	76.0	30	58.5	0.80
Key Largo	81	71.8	38	53.1	.00
Everglades	84	74.5	30	56.1	1.49

Increase or decrease in travel: Visitors to Everglades National Park for the month represented a new high for any one month. A total of 83,953 superceded the former high recorded in March 1962. The visitor registration noted that persons from 49 states visited the area. Visitors from 9 Canadian Provinces and the following foreign countries were in the Park: United Kingdom, Brazil, Spain, Cuba, Finland, Switzerland, Poland, France, Venezuela, the Netherlands, Australia, Italy, Denmark and Mexico.

A phenomenal increase was noted in camper use this month. A total of 22,055 persons used these facilities. Needless to say the campgrounds were overflowing. Of the above total, 11,605 used the regular campground and 10,450 were forced to camp in the overflow areas. This, in spite of the fact that the 49-site extension at Long Pine Key was opened the week before Christmas (Dec. 1963). This increase in camping has placed additional pressures on protective personnel assigned to campground duties.

Visitors: U. S. Senator Holland and Mrs. Holland, Florida
B. O. Garm of the U. S. Border Patrol, Miami, Fla.
Capt. Radford and Lt. Sullivan of Metro Fire Department, Miami, Fla.
Senator and Mrs. Allott; the Senator is a member of the Appropriations and Interior and Insular Affairs Committees.
Ted Swem, Asst. Dir. NPS; Mr. Heaton Underhill, Asst. Dir., BOR, Richard Robinson, Fish and Wildlife Service (WASO) & Arthur Marshall, F&WS (Vero Beach)

760
c1

Visitors (contd.): Mr. Bonnar of Homestead AFB, Fla.
Regional Archeologist John W. Griffin, NPS, Richmond, Va.
Mr. Jones and Channel 10 TV photographers, Miami, Fla.
Mr. Bill Gardiner, U. S. Border Patrol
Mr. Louis Stimson, noted ornithologist of South Dade
Mr. Kolipinski, U.S.G.S.
Chief Clyde Swayze of the U. S. Coast Guard, Miami, Fla.
U. S. Commissioner Ralph C. Jordan, Homestead, Fla.
Mr. James Stewart, EODC and Mr. Paul Mayrose, EODC, Philadelphia
Dr. D. Sudia and Dr. R. Chamberlain, U.S.P.H., Atlanta, Ga.
Mr. and Mrs. A. R. Kelly, Pemberton, Australia
Mr. Leslie M. Tuck, Wildlife Biologist Dept. of Northern Affairs and Natural Resources, Canada
Mr. Stanton, Dade County Communications Chief, Miami, Fla.

Administration

Personnel: A conference was held on the "Plan for the Man" on Monday, Jan. 6.
Bruce C. Sloane was transferred from the Royal Palm area to the Flamingo area of the Park.
William M. Taylor was selected to attend the next training session at the Stephen T. Mather Training Center, Grand Canyon, Ariz.
James H. Parker was promoted and transferred to Foreman III (Garage) at Glacier National Park. He entered on duty there January 5.

Conservation, Interpretation and Use

Interpretative Facilities: Several new lift boxes were installed at the Pinelands Trail and the coontie landscaping around the Visitor Center development.
Gulf Coast District Ranger addressed 105 members of the Naples Audubon Society.
Planning for the 7-Mile Tower development continues.
Five off-site talks were given this month.
One exhibit was made for the Florida Historical Society Annual Meeting.

Interpretive Services: Travel, while heavy in late December, increased appreciably during January. The results were reflected in all of the interpretive activities with 174,010 visitor contacts being made this month. All contact points indicated more visitors than personnel and facilities could satisfactorily handle. The weekend attendance at the campfire program at Long Pine Key ranged from 250 to 300 per night. Campers here bring their own chairs and completely close the circle, forcing the interpreter to talk with his back to some of the group. Wednesday evening crowds at the Visitor Center more than fill the available chairs. Flamingo naturalists report they continue to experience crowding of the Visitors Lounge with an estimated 50 to 100 turned away on 16 nights of the month. The situation was helped some by two campfire programs given each week.

Research and Observation: An archeological study of possible sites in the Gulf Coast District was started during the month. A team of the Regional Director of Archeology, John Griffin, Asst. Superintendent Burroughs of Everglades, and two laborers worked on this project. Four test pits on three sites were examined. After preliminary work, which included mapping of Onion Key on which one of the test sites lies, Messrs. Griffin and Burroughs returned to Headquarters to plan for larger and more extensive explorations in the future.

Park Biologist William B. Robertson, Jr. and Park Naturalist Robert T. Haugen spent three days at Fort Jefferson gathering pictures and data on the oil spill.

The rookeries continue to be free of nesting birds with the exception of Cuthbert which does contain a few cormorants and anhingas.

The January 15 drop in temperature to below freezing had some interesting effects. Mainly, the hit and miss effect of browning some plants and sparing others of the same kind and relatively same location was noted.

A pair of barn owls is again nesting at 7-Mile Fire Tower. This is the seventh season the owls have nested on the ground at the base of the tower steps, and probably will be the last as construction is anticipated in the area.

Protection: Two short training courses were conducted for ranger personnel this month. Ralph C. Jordan, U. S. Commissioner conducted one on courtroom procedure, while the second was conducted by a member of the U. S. Coast Guard Boarding Team on the rules and regulations of boarding boats.

An auto accident at Pinelands Trail parking area resulted in injuries to three girls. They were taken to a local hospital.

Ranger personnel accomplished four boat rescues during the month. Two boating accidents occurred. One involved a boat which struck a channel marker in Whitewater Bay extensively damaging the craft. The second involved a boat which struck a submerged object in the Coot Bay area. Rangers conducted seven Boat-a-Cades; four left from the Flamingo area and three from Everglades, Fla.

Twenty-seven permits were issued to persons crossing Park lands into the Hole-in-the-Doughnut area, primarily to hunt. January 5 ended deer season, but quail season continues until February.

The U. S. Commissioner heard one case this month, that of a boat owner who failed to have proper registration displayed on his craft. The defendent pleaded guilty and received a suspended sentence.

Protection personnel held a conference with the U. S. Attorney involving two cases which had been bound over to the Federal District Court. The cases involved alligator poaching and stopnetting in the Gulf Coast District. The matter of jurisdiction over this area of the Park is still under consideration, but it is hoped these two cases may be brought before the District Court shortly. Two runaway boys from Michigan were apprehended within the Park. The car they had stolen had broken down within Park boundaries. The boys were turned over to the FBI who is handling the matter.

Patrol mileage for the month follows:

Vehicle	21,555
Boat	3,959
Airboat	109
Glades buggy	21
Aircraft	3,800
TOTAL	29,444

Forest Fire Protection: Park suppression personnel took action on one fire during the month. This fire, consisting of 9 acres, was located within the Park on privately owned land.

Sanitation: A U. S. Public Health Service team studying mosquitoes and rodents was in the area during the month. Mosquito traps were set up at Mahogany Hammock during the month in conjunction with this program.

Concessioners: The Flamingo motel extension near completion. Furniture was delivered and water and electric connections were made. The Everglades Park Co., Inc. hopes to have these new units in operation by mid-February. Rates for the new motel units were requested, received approved and the concessioner notified of this approval. The size of the Flamingo Coffee Shop was increased by 45 seats. This was accomplished by cutting down the space previously occupied by the gift shop. During January Mr. Richard Phelan was named the new Resident Manager and Mr. Maurice C. McAdow, Assistant Manager at Flamingo by Mr. Robert B. Knight of the Everglades Park Co., Inc.

Resource Planning

Superintendent Joseph and Hydraulic Engineer Nix spent two days in the Regional Office on water resources for the Park. Mr. Joseph was appointed the alternate for Ben H. Thompson, Asst. Director, on the Coordinating Committee on the water resources for the Park. Conferences were held with the U. of Miami Marine Laboratory personnel after the conference in Richmond, regarding past, present, and future research to be done toward determination of water required annually for the Park. January 16 a meeting was held at Flamingo with the U. of Miami and NPS personnel regarding the Buttonwood Canal, and salinity encroachment into the Park. James Stewart and Paul Mayrose of EODC spent approximately two weeks in this area staking out the Loop Road from the Tamiami Trail to the 7-Mile Fire Tower prior to the letting of a contract to Harris Paving Co. Mr. Robert Smith, EODC visited the Park for two days to review construction and proposed construction with the Superintendent and the Park Engineer.

Cooperation with other Federal, State or Local Agencies: The U. of Miami Marine Lab. teams continue their work in the Flamingo area on shrimp and fish populatio

A request for approval for an Indian burial ground for the Miccosukee subtribe on one of the hammocks was made through the Regional Office after conferences between the Superintendent of the Miccosukee Agency and the Superintendent of th Park.

The Wild Cotton Eradication Teams are again working in the Flamingo area as well as on the Keys in Florida Bay.

Cooperating Non-Government Agencies: On Wednesday evening (1/29) Superintendent Joseph, Asst. Superintendent Burroughs, Chief Park Naturalist Christensen and Regional Archeologist John Griffin spoke to the Annual Meeting of the Florida Historical Association in Coral Gables, Florida. This was a well attended affair.

Public Affairs

Much damage was done by the vessell SS Brother George of Liberian registry, with a cargo of Bunker C oil running aground on January 11 in the Dry Tortugas waters

(Pulaski Reef) The vessel was first reported aground by the District Manager at Fort Jefferson National Monument. The Chief Ranger's Office notified the U. S. Coast Guard of the situation. Although refused request to U. S. Coast Guard to dump oil to lighten vessel and float free of reef by the Coast Guard the ship's Captain disregarded instructions and pumped approximately 500 tons from the cargo. Much of the oil landed on the beaches of Garden, Long and Bush Keys in the Dry Tortugas. Bush Key is the nesting place of the terns each spring and their arrival for this annual event is imminent. Much public interest was aroused by this action on the part of the captain. Regional assistance was sought in funding removal of oil from Fort Jefferson islands, and the United States Attorney's Office in Miami was notified.

Public Relations: WLBW, Channel 10, Miami began activities for a one-half hour program on the effects of water shortage in Everglades National Park. A script was written, the Chief Park Ranger, Park Biologist, Park Naturalist, and Superintendent each spoke. Also taped regarding the situation were Marjory Stoneman Douglas author of "Everglades --River of Grass", Dade Thornton, President of the Florida Audubon Society and Mr. G. E. Dail, Executive Director of the Central and Southern Florida Flood Control District. Pictures were also provided to the TV station on a "before" and "after" basis. The film is scheduled to be shown early in February.

Mr. and Mrs. Russell K. Grater spent several days in the Park on escorted tours, part of which were with the Superintendent

Senator and Mrs. Gordon Allott spent several days in the Park. Superintendent Joseph arranged conducted tours for them and discussed park activities with the Senator.

Design and Construction

Bids were opened on Tuesday, January 7 for the NPS portion of the utilities to be supplied to the new motel units under construction by the Everglades Park Co., Inc., concessioner at Flamingo. Contract was awarded to Goodwin, Inc., S. Miami, Florida.

Avant Construction Co., Inc., Miami, Florida was awarded the contract for the Fire Lookout Tower, Observation Platform and Comfort Station at 7-Mile Road

Batchelor Construction Co., Homestead, Florida was awarded the contract for the construction of the new Fire Cache at the Pine Island Utility Area.

Stanley C. Joseph

Stanley C. Joseph
Superintendent

NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): January 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1959	B-10-EVER Grounds Improvements	B-110		11,300 9/23/59	DL	Nov 59 Mar 64	90	P.
1961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	B-120 B-75 B-80		435 1/3/61 13,002 5/24/61 24,643 9/2/62	C & DL	Dec 61 June 64	80	D&C and P.
1963	B-27-EVER Flamingo: Campground Development Including Trailer Facilities, Loops 2 and 3 including Olive Hill(63)	B-130-1 B-130-1 B-130 B-130(Rev) B-73 B-74 B-81	3000	107,063 2/1/63 20,000 3/22/63 6,229 6/6/63 33,688 6/26/63 41,527 6/28/63 9,250 9/4/63 9,203 1/13/64 1,500	C	Jan 63 Jun 64	75	D&C Contract #14-10-A111-39), Kennedy Constr. Co., orig. amt. of contract $66,979. (See B-31-EVER for balance of funds.) Work Order B-27-EVER (Rev. #7) [illegible] to provide funds in amt. of $1,500 for Diesel power unit by authority memo dated 1/15/64 (122 MIN(PC)) from SERO. Bids to be opened Jan. 31 for Flamingo Expansion Area, Roads, Utilities and Comfort Stations.

NATIONAL PARK SERVICE

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1	2	3	4	5	6	7	8	9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500 2/7/63	C	Mar 63 June 64	90	P. Electrical power adjustment remains to be completed.
1963	B-31-EVER Long Pine Key, Campground Development (Comp.)	B-130	3038 3222 3226A	3,658 6/6/63 4,993 6/13/63 16,209 6/20/63 1,560 10/29/63	C & DL	June 63 June 64	99	D&C and P Contract #14-10-0111-207, Redland Construction Co., orig. amt. of contract $52,494. (See B-15-EVER for balance of funds.) This contract 100% complete. Final inspection held Jan. 20. Letter of Acceptance issued Jan. 21, Request for Release of Claims issued Jan. 21. Final Estimate issued Jan. 22. Contract #14-10-0111-209, Kennedy Construction Co., orig. amt. of contract $66,599. (See B-27-EVER and B-33-EVER for balance of funds.)
1963	B-33-EVER Park General: Construct Elevated Trail Shelter (1) and Graded Trail Shelters (2) Royal Palm Visitor Center Area (Anhinga Trail and Gumbo Limbo Trail), including Exhibits & Signs. Construct Pinelands Trail Interpretive Shelter	B-141-1 B-51	3035A	8,791 6/28/63	C	July 63 June 64	99	D&C Contract #14-10-0111-209, Kennedy Construction Co., orig. amt. of contract $66,599. (See B-27-EVER & B-31-EVER for balance of funds.)

NATIONAL PARK SERVICE

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1963	B-36-[illegible] West Lake: Install Channel Markers (63)			1,800 10/17/63	DL	Dec 63 Feb 64	100	P.
1964	B-37-[illegible] Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)			6,000 1/13/64	C	Mar 64 Sept 64	0	P.
1964	B-38-[illegible] Flamingo: Construct Utilities, Concessioner Motel Expansion	U-82	3230A	2,000 1/13/64 15,866 1/14/64	C	Jan 64 Mar 64	50	D&C Work Order B-38-[illegible] issued in amt. $2,000 to provide funds for pump, motor and controls for sewage pumping station. Work Order B-38-[illegible] (Rev. #1) issued in amt. of $15,866.25 to provide funds for Contract #14-10-0111-[illegible] awarded to low bidder Goodwin, Inc., [illegible] Miami, Fla.; and installation of sewage pump in amt. of $750.
1963	Flamingo: Construct Utilities(Water and Sewer), Concessioner Light Housekeeping Cabins, 36 Units 12 Structures (63)	U-79	3008A	Est. 11,500 6/13/63 0,000 12/20/63	C	Feb 64 June 64	0	D&C Bids to be opened Jan. 31.
1964	Key Largo Flag Pole Installation	K-114		Est. 1,000 8/19/63	F	Feb 64 June 64	0	D&C Plans not complete.

NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

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1964	Parachute Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	N-142		Est. 10,600 8/19/63 Re 10,500 12/20/63	C	Jan 66 / May 66	0	D&C

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1961	B-11-EVER Long Pine Key Campground & Picnic Area, Construct Walks, .57 mile	B-66		4,000 6/25/61	DL	Nov 61 Apr 64	85	P.
1963	B-13-EVER Park General: Signs (77) Regulatory and Informational (63)		2262A	5,000 12/10/63	DL	Jan 63 Apr 64	60	P.
1963	B-14-EVER Circulatory Roads and Parking, Flamingo Campground	B-31 B-93		60,000 8/1/63 20,0000 3/20/63 750 9/4/63	C	Jan 63	40	R&C Rds to be opened Jan. 31
1963	B-15-EVER Pine Island Construct Aircraft Landing Strip (63) Long Pine Key Campground: Construct Circulatory Roads and Parking (63)	B-105 B-90		47,931 6/13/63 2,370 8/8/63 4,691 10/10/63	C	June 63 Jan 64	100	R&C Contract #14-10-0111-207, Bell Construction Co., orig. amt. of contract $50,494. (See B-31-EVER re balance of funds.) Contract 100% complete (See B-31-EVER).
1962	B-16-EVER Construct Roads & Walks, Employee Residences, Gulf Coast	B-50	3218A	1,331 6/10/63	C	June 63 Jan 64	100	P. Completion Report being prepared.
1961	Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	B-56		Est. 2,500 5/20/60	DL	Feb 64 Apr 64	0	Work Order issued Jan. 29, 1964.

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				AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	
1	2	3	4	5	6	7	8	9
1961 and 1964	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabines (61)	R-102	Re	Est. 20,000 6/29/61 20,000 9/21/61 6,500 6/13/63 13,500 11/7/63	C	Feb 64 / July 64	0	BuC Bids to be opened Jan. 31.
1964	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Motel Units (64)	R-113		Est. 30,000 11/7/63	C	Feb. 64 / July 64	0	BuC Bids to be opened Jan. 31.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	B-22-EVER Remove Officer's Quarters and Enlisted Men's Barracks to Foundation	M-23-1	2003	4,000 4/3/62	DL	Apr 62 Jan 64	100	P. Completion Report being prepared
1962	B-23-EVER Restoration of Counterscarp Wall (62)	M-5-4	2003	22,000 4/3/62 8,500 6/26/63	DL	Apr 62 Apr 64	99	P.
1962	B-24-EVER Rebuild Historic Walks and Moat Bridge	M-1-1	2003	14,000 4/3/63	DL	Apr 62 Apr 64	75	P.
1962	B-26-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003	3,000 2/6/63	DL	Feb 63 July 65	30	P.
1963	B-30-EVER Replace Portion of Base Fill Material and Rehabilitate the Concrete Footings (63), Area of South Cooling Dock	M-16-1		7,000 4/12/63	DL	Apr 62 Apr 64	95	P.
1964	B-34-EVER Repair and Repointing Fort Walls	M-27		42,500 11/4/63	DL	Jan 64 May 64	10	P. and D&C
1962	Garden Key: Construct New Water Supply System	U-13-1		Est. 60,000 8/24/61 60,000	C	Jan 66 Jun 67	0	D&C Plans not complete

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom, 1 - 3-bedroom	B-16-1		Est. 102,000 8/24/61 Re 40,000 3/9/62 Re 8,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 / Jan 67	0	D&C Plans not complete
1962	Garden Key, Construct Sewage Disposal System	U-16-1		Est. 8,600 8/24/61 Re 8,600 3/21/63	C	Jan 66 / Jan 67	0	D&C Plans not complete
1962	Garden Key: Provide and Install Communication System	E-30		Est. 14,500 10/4/62 RE 8,500 8/19/63 Re 3,000 11/7/63	C	Jan 66 / Jan 67	0	D&C
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 8,300 10/4/62 Re 6,000 12/20/63	C	Jan 66 / Jan 67	0	D&C Plans not complete

MONTHLY PROGRESS REPORT

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1964	APV-64-1-EVER Complete Air Strip for Fire Control Aircraft	B-105		21,700 11/4/63 1,974	C	Nov 63 Jan 64	100	P. Work Order APV-64-1-EVER (Rev.) returned amt. of $1,973.50
1964	APV-64-2-EVER Construct Fire Lookout Tower 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134 B-48 B-135	No	104,300 11/4/63 7,200		Nov 63 Jan 64	0	D&C Contract #14-10-0111-215 awarded to low bidder Avant Construction Co., 360 NE 27th Ave., Miami, Fla. in amt of $90,400; Contract to Mr. Ghezzi No. 14-10-0529-2450 in amt. of $6,300. APV-64-2-EVER (Rev. #1) reduced funds in amt. of $7,200
1964	APV-64-3-EVER Construct Fire Cache, Pine Island (with Utilities)	B-131	3230A No	55,000 10/10/63 6,400	C	Feb 64 May 64	0	D&C Contract #14-10-0111-216 awarded to low bidder Batchelor Construction Co 170 NW 12th St., Homestead, Fla. in amt. of $46,040. Contract to Mr. Ghezzi No. 14-10-0529-2451 in amt. of $2,500. APV-64-3-EVER (Rev. #1) reduced funds in amt. of $6,400.
1964	APV-64-EVER Construct Road to Seven Mile Fire Tower	B-34-1	3234	230,966	C	Feb 64 July 64	0	D&C Contract No. 14-10-0111-214 awarded to low bidder Harris Paving and Construction Co., 4875 NW 72nd Ave., Miami, Fla. in amt. of $230,965.75. Travel expense in amt. of $1,000 provided for NPSC Engineers.

Views of crowds at Royal Palm Visitor Center over the Christmas and New Year holidays.

Views of crowds attending Naturalist talk at the Royal Palm Visitor Center over the Christmas and New Year holidays.

View of one of Pa-hay-okee Overlook over the Christmas and New Year holidays.

View of one of Pa-hay-okee Overlook message repeater and exhibits during the Christmas and New Year holiday

Views of the Royal Palm Visitor Center parking lot showing crowded conditions over the Christmas and New Year holidays.

View showing crowded parking conditions at the Picnic Area, Long Pine Key, over the Christmas and New Year holidays.

View showing result of overcrowding in unsupervised area, Long Pine Key, and additional workload to be handled by Maintenance personnel over the Christmas and New Year holidays.

View of parking lot at Mahogany Campark showing crowds visiting this campground over the Christmas and New Year holidays.

A view showing the overcrowding in Long Pine Key Campground although the new extension was opened for the Christmas and New Year holidays.

JAN . 64

VIEW SHOWING NEW COMFORT STATION, FLAMINGO CAMPGROUND EXTENSION WORK ORDER B-27-EVER

JAN . 64 .

VIEW SHOWING NEW COMFORT STATION, FLAMINGO CAMPGROUND EXTENSION WORK ORDER B-27-EVER

JAN . 64 .

VIEW SHOWING EXCAVATION FOR AIRCRAFT GASOLINE STORAGE TANK WORK ORDER APW 64-1-8VER

JAN . 64 .

VIEW SHOWING AIRCRAFT GASOLINE STORAGE TANK IN PLACE WORK ORDER APW 64-1-8VER

JAN . 64 .

VIEW SHOWING DRESSING OF ANNA, LONG PINE KEY CAMPGROUND
WORK ORDER B-11-EVER

JAN . 64 .

VIEW SHOWING DRILLING HOLES FOR CAMP AREA FIRE GRILL
LONG PINE KEY CAMPGROUND WORK ORDER B-15-EVER

JAN • 64 •

VIEW SHOWING PREPARATION OF CONCRETE PAD FOR GARBAGE CAN HOLDER - LONG PINE KEY CAMPGROUND - WORK ORDER B-16-EVER

JAN • 64 •

VIEW SHOWING SETTING OF GARBAGE CAN HOLDER
LONG PINE KEY CAMPGROUND - WORK ORDER B-16-EVER

JAN . 64 .

VIEW SHOWING DRILLING OF AUGA, LONG PINE KEY CAMPGROUND
WORK GROUP P-11-2VER

JAN . 64 .

VIEW SHOWING DRILLING HOLES FOR CAMP SIDE FIRE GRILL
LONG PINE KEY CAMPGROUND WORK GROUP P-11-2VER

VIEW SHOWING SETTING OF CAMP SITE FIRE GRILL POST
LONG PINE KEY CAMPGROUND
WORK ORDER B-16-EVER

VIEW SHOWING SETTING OF CAMP SITE TABLE TIE DOWN CHAIN
LONG PINE KEY CAMPGROUND - WORK ORDER B-16-EVER

Reg. Files 9 3-1
Mr. Boyle Rough
FILE
A2423

Summary of the February Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Water table lower despite rain	1
Travel:	Records again broken. Travel up 41% Camping up 79%	1
Visitors:	Mr. John B. Bennett of Secretary's Staff. Foreign group, and many others	1-2
Special Activities:	Numerous activities	2
Personnel:	2 Naturalists at training schools	
ADMINISTRATION:	NPS audit team arrived	2
CONSERVATION, INTERPRETATION & USE:	Prospectus for mural distributed to artists	3
	Roving Naturalists contacts used for large groups successfully	
	Evening facilities continue to be enormously overcrowded both at Flamingo and Headquarters Visitor Centers	3
	Concessioner travel at Everglades up 9% - at Flamingo appreciably greater.	4
RESOURCE PLANNING:	Much activity on Water Situation. Messrs. Bennett and Thompson here. Supt. attended various meetings on this subject	5
	Oil spill at Ft. Jefferson NM also required much research and activity	5
PUBLIC AFFAIRS:	Mrs. Robert Porter Allen presented certificate on naming of 3 keys in Florida Bay after "Bob Allen, her late husband, by Superintendent	5
	Under Secretary Carr, Interior and Commissioner Ramey of AEC visited Ft. Jefferson with Supt.	5
	Various other sectional activities	6
DESIGN & CONSTRUCTION:	Several pre-construction conferences held	6

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
FEBRUARY 1964

General

Weather: Several "cool" fronts passed through the area bringing the temperature a little below normal. A high of 86° was recorded and a low of 37° registered in the Park. With the passage of each front squally, windy weather occurred. Rainfall was quite general with more than one inch being recorded at each weather station. The water table throughout the Park dropped slightly during the month. The Taylor Slough gauge read 3.07' on February 29 compared with 3.18' the last of January. The reading for February 1963 was 1.68'.

The following is a weather summary for the month:

Station	Max. Temp.	Mean Temp.	Min. Temp.	Mean Min.	Rainfall
Royal Palm	85°	76.5°	37°	51.9°	1.61"
Miami	86°	77.4°	39°	53.7°	1.54"
Flamingo	80°	74.4°	39°	54.8°	1.51"
Key Largo	82°	73.4°	47°	61.0°	2.53"
Everglades	83°	73.9°	39°	53.5°	1.39"

Increase or decrease in travel: For the second consecutive month visitation records to Everglades National Park were broken. A total of 100,977 persons entered the Park. This represents an increase of 41% over February 1963, and an increase of 33% over the first two months of 1964. The use of the two designated campgrounds within the Park showed an increase of 79% over that of February 1963. Campers using the overflow areas outnumbered those using the regular campgrounds.

Visitors from 50 states were represented in travel for the month. In addition persons from eight Canadian provinces and the following foreign countries entered the Park: Cuba, Germany, Switzerland, England, Argentina, Holland, Australia, Venezuela, Lebanon, India, Israel, Thailand, Mexico, France, Finland, Norway and Japan.

Visitors:
Homer W. Hiser, Paul Norman and Douglas Hirth, radar technicians, University of Miami and Mr. Cantor, Army Research Laboratory, Ft. Monmouth, N. J. at 7-Mile Tower
20 Argentine Amigos accompanied by chaperons Mrs. Elaine Cook of Argentina, Mr. Bill Dedlow, Director of Activities at S. Dade H. S. and Mr. Cotilda Coats, Spanish teacher at South Dade H. S., Homestead, Fla.
Russell Grater, NPS, Harpers Ferry, W. Virginia
Lee P. Lewis, Cadastral Engineer for Bureau of Land Management

Dr. DeSilva and Mr. Steven, U. of Miami Institute of Marine Sciences, Miami, Fla.
Mr. Ezra Taft Benson, former Secretary of Agriculture
Mr. M. Rumbaitis, EODC, Philadelphia
Mr. Melvin Finn, Attorney and conservationist, Miami, Fla.
Mr. August Burghard, former Chairman of ENP Commission, Ft. Lauderdale, Fla.
Carl C. Von Paulson (Collaborator - Orchids) and Mr. Archie L. Jones (Snail Project)
Mr. Maddox, Dade County Health Department, Miami, Fla.
Mr. Dlevin, school teacher from Norway. Guest of U. S. Health, Education & Welfare
Mr. Warren Ost, A Christian Ministry in the National Parks, New York, N.Y.
James Arnott, former ENP Ranger from Shadow Mountain Recreational Area, Colorado
Herbert S. Wilburn and Carolyn Patterson, National Geographic staff
Leonard Hall, National Parks Association, Missouri
James Bond, author and ornithologist
L. J. Bales and Delmar Wilson of the Chattanooga News; John Johnson and Elgin White of the Florida State News Bureau and Norman Hackes, Bill Duncan, Ray Parks, Dave Delaney, Bob Smith and Mario Charles who represent newspaper and television interests in the Tennessee Valley area.
Mr. Paul Phillips, National Parks Advisory Board
Mr. Pakorn Prapin, State Department guestfrom Thailand
Prachang Bunart, State Department guest from Thailand
Mr. Ben Thompson, WASO, NPS
Mr. John B. Bennett, Secretary Udall's staff, WASO
Mr. and Mrs. Mike Maule, Archeologist, NPS, Washington
Dr. John Keshishion, Washington physician and conservationist
Dr. Arthur Ruter, Washington physician and conservationist
Mr. E. V. Jones of Senator Spessard L. Holland's (from Florida) staff
Mr. Dave Ochsner, Asst. Chief Naturalist, Blue Ridge Parkway, Virginia
Mr. Bill Garn, USBPH
Mr. Dan Shier, Florida State University, Tallahassee, Fla.
Mr. William Yager, Ret. U. S. Fish and Wildlife Service, Sacramento, Calif.
Congressman and Mrs. Robert Sikes, 1st. Congressional District, State of Florida, Crestview, Florida and Washington, D. C.
Mr. and Mrs. Dewey Ealey, Ret., District Ranger, Great Smoky Mountains NP, Boca Grande, Florida

Special Activities: Three Fire Control Aids with "Bombardier" and an airboat participated in the rodeo parade at Homestead on February 8.

Chief Park Naturalist Christensen is teaching a course in the Conservation of Natural Resources. The class of 34 students is taught as an extension course of the Florida State University.

Rangers Pickware, Castleberry and Carlson represented the National Park Service at the Everglades Park Co., Inc. booth in the Miami International Boat Show.

Administration

Management Analysis: A team of National Park Service auditors (2) arrived on February 3 with two additional men expected during the work here.

Personnel:
Naturalist William Taylor has been sent to the Horace M. Albright Training Center, Grand Canyon. Asst. Chief Naturalist Haugen is attending the Stephen T. Mather Training Center at Harpers Ferry.

Personnel (cont'd) Chang
Castleberry, Don H. received a promotion from Park Ranger, GS-5 to Supervisory Park Ranger, GS-7, effective 2/16.
Truslow, Frederick Kent appointment as Collaborator - without compensation - was extended until 2/7/67, effective 2/10.

Safety and Health: Ranger personnel treated 11 first aid cases during the month. A minor injury was reported by one employee, resulting from a fall during field work.

A four car accident occurred at the parking area of Pa-Hay-Okee spur. No injuries were reported, but extensive damage was done to the vehicles involved. Reflective paint has been applied to the curb at the intersection. This area has been the scene of several night accidents..

Conservation, Interpretation & Use

Interpretive Facilities: A prospectus for the painting of the large mural exhibit intended for the Visitor Center was accomplished and copies sent to various artists throughout the state.

Interpretive Services: A total of 176,350 contacts were made during the month. Of this number 26,440 either listened to a Naturalist talk or accompanied him on a walk. Travel to this Park for the month exceeded all previous records. This heavy travel was reflected in the attendance at all naturalist activities. Significantly, the basic plan of in situ interpretation with its built-in visitor dispersal features has proved the soundness of its planning, as even with record-shattering crowds, prolonged congestion anywhere is avoided. Only at the facilities for the Park's evening programs were real difficulties experienced. Many Park visitors continue to be turned away from the evening programs. Additional evening programs at Flamingo in the form of weekend campfire program help significantly on the nights when weather is not inclement. A shortage of personnel makes it impossible to expand the program. At the Visitor Center the Wednesday evening programs have "turn away" crowds. On one evening 187 visitors were crowded in. Poor acoustics in the auditorium prevented further expansion of seating space.

On the last two Sunday afternoons so many visitors were present at Royal Palm by mid-afternoon that conducting scheduled programs proved impossible. Instead, a roving type of personal contact was tried out. This may prove to be a good way to handle peak crowds at this station.

3 off-site talks to 950 persons were also accomplished.

Research and Observation: Swallow-tailed kites appeared in the area late in the month. Sports fishing continued good.

Protection: Rangers and Fire Control Aids completed posting approximately 12 miles of boundary along the south side of the "Hole-in-the-Doughnut" corridor from Route 1 westward to the edge of Taylor Slough. This had been posted previously, but needed re-posting due to the age, weathering and removal by hunters of the signs.

One case of alligator poaching occurred at Royal Palm. Poachers were unsuccessful in their attempt. Two Special Incident Reports were submitted in regard to this.

Five boat rescues were accomplished. Of these five lost boats most had not signed out or were found in areas other than the destination they had placed on the sign-out sheet. A new system was initiated for placing a reminder on the windshield of cars, on the boat ramp, to the effect they had not signed out.

Protection (cont'd): Commercial fishing activity picked up in the Gulf Coast area since the mackerel fleet has arrived and pompano are beginning to show up. Efforts were made in the Mangrove District to step up the checking of sports fish catches, however, few violations were found.

Two written citations were issued during the month, and one court case is still pending. Two minor boat accidents and one minor automobile accident were investigated and reports made. One automobile was broken into while parked at the Flamingo Visitor Center. Ranger personnel investigated and a report was sent to the FBI.

Patrol mileage for the month was as follows:

Vehicle	24,395
Boat	2,753
Airboat	50
Glades buggy	10
Weasel	91
Weasel, research	38
Aircraft	6,700
TOTAL	33,837

Forest Fire Protection: Property owners along the Loop Road were loaned five fire flappers. Action was taken by them in extinguishing a night fire on Feb. 20. It was thought the fire was started by a person or persons in a glades buggy. At 7:30 Feb. 21 the fire was checked by the Subdistrict Ranger and found to be out after burning approximately 40 acres of grassland in prairie land south of the Loop Road near Pine Crest. No park action was taken on this fire.

Building Fire Protection: A Fire Brigade drill was conducted at Pine Island on Feb. 14. The drill scheduled for Feb. 27 was cancelled.

New dry chemical extinguishers were installed in Apartment #29, the Superintendent and the Asst. Superintendent's residences at Pine Island.

Sanitation: The replacement generator at Long Pine Key campground continues to function well in supplying water.

Concessioner: The concessioner requested consideration of 30 trailer sites with hookups for housetrailers in the new campground at Flamingo. After a telephone conference with the Regional Office concessioner was advised this was impracticable.

Concessioner travel at Everglades was up nine percent over February of 1963.

Preparations are being made to start a concession-operated pontoon boat trip down the Homestead canal to Bear Lake.

The Everglades Park Co., Inc., has been cautioned to provide alternate means of cooling his generators instead of drawing fresh water from the Flamingo system due to the critical demands on the present facilities.

Resource Planning

Water Resources:

Asst. Director Ben H. Thompson NPS, Washington, D. C. and John B. Bennett of the Resources Program Staff of Secretary Udall's Office spent several days here. Asst.

their activities was a flight over the Park, northward over the State's conservation areas, to the outlet of Lake Okeechobee.

Messrs. Joseph and Nix attended a meeting at the U. S. Fish and Wildlife Regional Office in Atlanta regarding water resources for various government conservation agencies as well as Everglades National Park.

Work was continued on a research program for this park, following two meetings regarding Buttonwood Canal.

Superintendent Joseph and Hydraulic Engineer Nix attended a meeting in the Regional Office on the Water Resources of Everglades National Park. This meeting was also attended by Washington Office personnel

Much time was spent obtaining expert recommendations in developing a plan, securing funds and arranging for the actual accomplishment of the removal of the Bunker C oil spilled at Fort Jefferson National Monument area prior to the arrival of the terns for their annual nesting. Institute of Marine Science personnel of the U. of Miami furnished invaluable advice on this removal on the basis of their research in the area.

A proposed Position Paper on the Everglades National Park Water Situation was prepared and submitted to the Washington and Regional Offices.

Cooperation with other Federal, State or Local Agencies: The Bombardier was used to drill six holes at Battery "A" Missile site for equipment tie-down.

Patrolling Tamiami personnel are keeping in touch with construction workmen of the Harris Paving Co., and Avant Construction Co., to be aware their activities are in conformance with Park policy.

Cooperating Non-Government Agencies: A request from the Florida Power and Light Co., to run a power line into the "Hole-in-the-Doughnut" area to serve a proposed Army missile site has been received, informally. Details have been requested.

Public Affairs

The weekend of February 15-16 Under Secretary of Interior James K. Carr and Commissioner James T. Ramey of the Atomic Energy Commission visited Fort Jefferson National Monument accompanied by Superintendent Joseph and Assistant Superintendent Burroughs. On Monday Superintendent Joseph was invited by Secretary Carr to attend a meeting at the U. S. Naval Station at Key West. This meeting was in regard to a desalination plant for a water supply other than the present pipeline from the mainland.

The month opened with Mr. and Mrs. Russell K. Grater of Mather Interpretive Training and Research Center visiting the Park for several days. We were pleased to have the advantage of Mr. Grater's opinions on various points of interpretation and development under consideration for this Park.

On February 28 Superintendent Joseph presented Mrs. Robert Porter Allen with a certificate issued by the Board of Geographic Names showing three small keys in Florida Bay named "Bob Allen Keys in memory of her late husband. These were the keys on which he had worked in his persistent effort to save the whooping crane, roseate spoonbills and other birds of southern Florida. The ceremony was attended by members of the Park staff, Sandy Sprunt III, Charles Brookfield of the National

Audubon Society and others from the Keys. As soon as the pictures taken are ready, a second press release will be made. A formal announcement was sent to the press for release on the 28.

On the 20th the District Ranger at Everglades talked to 20 members of the Everglades High School Biology Class on the birds of the Park. The District Ranger also gave a talk to the Naples Cruise Club. The film Highlights of the Everglades was shown to the 105 members present. He also went to Hialeah High School on the 21 for a program to interested students in forestry and a career in the Park Service. Two sessions were held with 35 students in attendance.

A ranger escorted the Argentine AMIGOS (guests of South Dade High School) from Long Pine Key area to Mahogany Hammock and return to headquarters on Feb. 27.

Superintendent Joseph has been invited to prepare a TV talk on Big Bend National Park. This program will be taped in advance and will also use slides of the area.

Design and Construction

New Construction: On February 5 three rangers attended pre-construction conferences at headquarters with representatives of the Harris Paving Company and the Avant Construction Co., both of whom have construction contracts in the 7-Mile Fire Tower area. Glades District personnel also attended some of these meetings.

Pre-construction conferences were held with contractors. One for the Fire Cache at Pine Island; on the Fire Tower with Observation Platform at 7-Mile Tower; and one on the Flamingo Utilities. Messrs. Rumbaitis and Thorn of EODC attended some of these conferences and Mr. William Thorn remained at the Park as the Project Supervisor for the Flamingo contract.

The Engineers staked out the new trailer fill site near 7-Mile Road junction, for fill. This will be location of Subdistrict Ranger Vinte's temporary residence until such time as permanent quarters are erected near there in accordance with the Park Master Plan. A house trailer will be set on this fill.

Design and Construction

New Construction:

The utilities for the concessioner motel expansion have now been installed and the 60 new motel units are in operation.

The contract for the Expanded Campground Utilities (185 sites), paving for the campground roads and turnouts, and paving for the low cost overnight units and parking area for the concessioner motel expansion has been awarded to Waters and Stewart, Homestead, Florida in the amount of $199,453.00. Mr. William Thorn, Civil Engineer, EODC has been assigned Project Supervisor for this complex contract.

Accelerated Public Works Projects: Fire Cache Building, Pine Island; 7-Mile Fire Tower road and 7-Mile Fire Observation Tower and utilities show normal progress with an estimated operational date of October 1964.

Utilities:
The RCA proposal for expanding leased communication facilities at Fort Jefferson National Monument have been received and approved. The contract documents are being prepared.

Stanley C. Joseph

MONTHLY PROGRESS REPORT

Area: VIRGIN ISLANDS NATIONAL PARK

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1959	5-17-[illegible] Grounds Improvements	5-111		11,500 $715,720	DL	June 59 Feb 64	100	D.
1961	5-14-[illegible] Long Bay Campground & Picnic Area Facilities, Toilet, Shelter, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	5-111 5-28 5-88		435 $18,783 15,800 $734,503 24,643 $759,146	C C DL	Dec 61 June 64	90	D&C and F.
1963	5-73-[illegible] Fiscalyn: Campground development including Trailer Facilities, Loops 1 and 2 including Units #111 (43) Contract Utilities (Water & Sewer) Sewage Lagoon, 20 Units, 17 Comfort Units	5-71 5-72 5-73 5-74 5-81 5-139 5-140 5-147 5-1294 5-1304 5-71	[illegible] 5156 [illegible] [illegible] [illegible]	109,063 $71,763 20,000 $733,763 6,379 $740,763 30,000 $770,763 41,312 $730,763 2,300 $733,763 2,300 $736,063 3,900 $739,963 $41,906 $739,963	C	Jan 63 Aug 64	70	D&C Contract #64-19-111-108, Kenneth Smith, Co., orig. amt. of contract $66,331 (See 5-11-[illegible] for balance of funds. Change Order #2, $2,000.00 extended completion date to 7/31/64. Contract #64-19-111-112 awarded to Lee Timber Treats and Pilmers, Inc., P. O. Box 330, Homestead, Fla. in amt of $137,348.41. Beginning date of contract 7/15/64 and completion date 9/17/64. Change Order #1, 7/28/64, decreased contract in amt. of $11,801.41. Change Order #2, 7/31/64 changed plans and specifications. Title to Contracts Fiscalyn Area Improvements, Roads, Utilities & Comfort Stations. (See 5-14-[illegible] for balance of funds.)

MONTHLY PROGRESS REPORT

Area: EVERGLADES NATIONAL PARK

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1966

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	3-32-EVER Mobile Homes, Flamingo (1) (63) Construct Septic Tank and Drainage Field	3-132		12,500 2/7/63	C	May 63 Jun 64	95	P. Electrical power adjustment remains to be completed.
1963	3-31-EVER Long Pine Key, Campground Development (Emp.)	3-131	3049A 3222 3276A	3,658 6/6/63 4,393 6/13/63 16,389 6/20/63 3,962 10/29/63	C L DL	June 63 Feb 64	100	D&C and P. Contract #14-10-0111-209, Kennedy Construction Co., orig. amt. of contract $46,599. (See 3-31-EVER and 3-33-EVER for balance of funds.
1963	3-33-EVER Park General: Construct Elevated Trail Shelter (1) and Graded Trail Shelters (2) Royal Palm Visitor Center Area (Anhinga Trail and Gumbo Trail), Including Exhibit & Signs. Construct Flamingo Trail Interpretive Shelter.	3-141-1 3-81	3225A	8,293 6/20/63	C	Jul 63 Feb 64	100	D&C Contract #14-10-0111-209, Kennedy Construction Co., orig. amt. of Contract $46,599. (See 3-31-EVER and 3-33-EVER for balance of funds.
1964	3-33-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)			6,500 1/13/64	C	Feb 64 Sep 64	5	

MONTHLY PROGRESS REPORT

Area: EVERGLADES NATIONAL PARK

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1964

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1964	B-30-EVER Flamingo: Construct Utilities Concessioner Hotel Expansion	U-27	313CA	2,000 1/13/64 18,866 1/14/64 430 2/24/64	C	Jan 64 Mar 64	99	D&C Contract #14-10-(111-313, Goode-, [illegible] orig. Amt. of contract $18,866.25. Contract 100% complete. Letter of Acceptance dated 3/19/64. Request for Release of Claims dated 2/18/64. Work Order B-30 EVER (Rev. #2) [illegible] in amt. of $430.60 for net overrun in concrete. Final Estimate submitted 7/18/64.
1964	Key Largo: Fire Pole Installation	B-144		Est. 1,000 8/19/63	C	Mar 64 Jul 64	5	D&C Plans not complete.
1964	Peninsula Key: Install Lamp Synchalite System, Visitor Center-Headquarters Building Area	B-142		Est. 18,900 8/19/63 Rv 11,400 11/26/63	C	Jan 64 May 64	5	D&C Plans not complete

MONTHLY PROGRESS REPORT

Area: EVERGLADES NATIONAL PARK

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1964

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1964	B-36-EVER Flamingo Contract Utilities Concessioner Hotel Expansion	U-27	3130A	2,666 1/13/64 18,366 1/14/64 430 2/24/64	C	Jan 64 Dec 64	99	DAC Contract #14-10-(131-313, Goode orig. Amt. of contract $18,666.35. Contract 100% complete. Letter of Acceptance issued 2/19/64. Request for Release of Claims issued 2/18/6 Work Order B-36-EVER (Rev. #1) issu in amt. of $439.60 for net overrun contract. Final Estimate submitted 2/24/64.
1964	Key Largo: Fire Pole Installation	B-144		Est. 1,000 8/19/63	C	Nov 64 Jul 64	0	DAC Plans not complete.
1964	Pahayokee Key: Install Lawn Sprinkler System, Visitor Center Headquarters Building Area	B-143		Est. 12,500 8/19/63 Rev 13,400 12/26/63	C	Jan 64 May 65	0	DAC Plans not complete

MONTHLY PROGRESS REPORT

Area EVERGLADES NATIONAL PARK

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) February 1964

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1961	R-11-EVER Long Pine Key Campground & Picnic Area, Construct Paths, .57 mile	B-66		4,[illegible] 6/25/63	DL	Nov 63 Jun 64	30	P.
1963	R-13-EVER Park General: Signs (77) Regulatory and Informational (61)		EVER-A	5,000 12/10/63	DL	Jan 63 Apr 64	90	P.
1963	R-14-EVER Circulatory Roads and Parking, Flamingo Campground	B-91 B-93	3035A 3036	60,000 8/1/63	C	Jan 63 Oct 64	45	D&C Contract #14-10-0113-218 awarded to
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner	B-101 B-102	3225A[illegible] 3223A	20,000 3/27/63				low bidder Bates and Stewart, Inc. P. O. Box 920, Homestead, Fla. in a
1964	Housekeeping Cabins (61)	B-113		750				of $737,738.47. (See R-21-EVER for
1964	Construct Roads, Parking Area and Walks for Concessioner Hotel Units (64)			3/4/63 112,145 274,896				balance of funds and information.)
			Ea	32,000 3/2/64				
1961	2-17-EVER Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	B-36		2,500	S	Feb 64 Apr 64	5	P. Signs being prepared.

MONTHLY PROGRESS REPORT

Area FORT JEFFERSON NATIONAL MONUMENT

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) February 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	B-23-FVH: Restoration of Counterscarp Wall (63)	N-3-4	2003	22,000 4/3/63 8,500 6/24/63	DL	Apr 63 / Apr 64	10	P.
1962	B-24-FVH: Rebuild Historic Walls and Moat Bridge	S-1-1	2003	14,000 6/3/63	DL	Apr 63 / Apr 64	75	P.
1962	B-18-FVH: Garden Key: Seeding & Fertilizing	B-26	2003	3,000 2/6/63	DL	Feb 63 / Jul 65	30	P.
1961	B-30-FVH: Replace Portion of Moat Fill Material and Rehabilitate the Concrete Footings (63), Area of South Cooling Duct	N-16-1		7,900 4/11/63	DL	Apr 63 / Apr 64	95	P.
1964	B-34-FVH: Repair and Repointing Fort Walls	N-23		42,300 11/8/63 Issue 1/17/64	DL	Jan 64 / May 65	11	P. and D&C Work Order B-34-FVH (Rev. #1) issued to adjust Work Order to provide funds to clean up Bunker "C" Oil Spill.
1963	Garden Key: Construct New Water	G-13-1	Re	Est. 60,000 8/30/63 60,000 1/8/63	C	Jan 64 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area FORT JEFFERSON NATIONAL MONUMENT

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) February 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	Garden Key: Construct Employee Residences (6) 3 - 1-bedroom; 2 - 2-bedroom; 1 - 3-bedroom.	D-16-1		Est. 102,000 8/16/63 Re 43,009 9/9/63 Re 8,000 1/8/63 Re 12,300 1/10/63 Re 41,300 6/3/63	C	Jan 64 / Jan 67	0	D&C Plans not complete.
1963	Garden Key, Construct Sewage Disposal	D-16-1		Est. 6,470 8/28/63 Re 6,400 2/11/63	C	Jan 66 / Jan 67	0	D&C
1963	Garden Key: Provide and Install Communication System	D-20		Est. 18,500 10/4/63 Re 8,500 8/15/63 Re 3,000 11/7/63	C	Jan 66 / Jan 67	0	D&C
1963	Garden Key: Construct Fire	D-17-1		Est. 8,300 10/8/63 Re 6,000 12/20/63	C	Jan 64 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park — ACCELERATED PUBLIC WORKS

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [X] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	APW-64-2-EVER Construct Fire Lookout Tower 7-mile Tower, Comfort Station and Utilities for Fire Tower	B-134 U-68 M-134	3231	104,300 10/29/63 Re 7,130 1/31/64	C	Nov 63 Oct 64	5	D&C Contract #14-10-0111-215, Avant Construction Co. Beginning date of contract 2/11/64. Completion date of contract 10/7/64 Program Adjustment, WASO #APW 64-10 Current Program - $104,300 Increase - 6,000 Adjusted Program - 110,300
1964	APW-64-3-EVER Construct Fire Cache, Pine Island (with Utilities)	B-101	3232A	55,000 12/20/63	C	Feb 64 May 64	5	D&C Contract #14-10-0111-216, Batchelor Construction Co., orig. amt. of contract $46,240. Beginning date of contract 2/11/64. Completion date of contract 5/10/64.
1964	APW-64-1-EVER Construct Road to Seven Mile Fire Tower	B-34-1	3234	230,566 1/31/64 12,047 1/31/64	C	Feb 64 Aug 64	5	D&C Contract #14-10-0111-214, Harris Paving & Constr. Co., orig. amt. of contract $238,565.75. Beginning date of contract 2/27/64. Completion date of contract 8/29/64. Change Order #1, 1/30/64 increased contract in amt of $12,047.75 for 7520 additional c/y of oolite. Program Adjustment, WASO #APW 64-10 Current Program - $200,000 Increase - 11,000 Adjusted Program - $211,000

Marie B. Duncan resigned her position as Clerk-Dictating Machine Transcriber, GS-316-3, effective 3-27-64

Shirley M. Keen resigned her position as Clerk-Dictating Machine Transcriber GS-316-3 effective 3-27-64.

Changes: Graham A. Liles was promoted from Foreman III (Maintenance, WS-4742) to Foreman IV (Maintenance, WS-4742) effective 3-29-64.

Charlie R. Smith was reassigned from position as Foreman II (Maintenance) Pos. #76a to Foreman II (Maintenance) Pos. #46 effective 3-15-64.

Herbert H. Wysong was promoted from Operator General (L.D.) to Operator General (H.D.) effective 3-15-64.

Leb W. McKinney was reassigned from Park Ranger, Everglades to Park Ranger, Ft. Jefferson National Monument effective 3-15-64.

Kenneth O. Morgan, Jr. was reassigned from position as Park Ranger, Flamingo to Park Ranger, Everglades, Florida 3-23-64.

James E. Markette was reassigned from position as Supv. Park Ranger, Ft. Jefferson NM to Supv. Park Ranger, Everglades effective 3-15-64.

James Synagogue, Jr. career conditional appointment Caretaker, WB-4749 was converted to Career appointment effective 3-3-64.

Conservation, Interpretation and Use

Interpretive Services: 201,163 interpretive contacts were made this month. March duplicated February in being a record month for visitor numbers. All interpretive facilities and programs were "swamped". Several Sundays lack of parking space at Royal Palm probably acted favorably as a method of distributing peak visitor loads and preventing congestion of the area facilities. All scheduled program were continued during the month. The interpretive Boat-a-Cade was discontinued at the end of the month because of poor attendance.

Interpretive Facilities: Four contract proposals for the mural exhibit for the Headquarters Visitor Center were submitted and have been forwarded through the Regional Director to the Museum Branch for comments and recommendations. Pressure of interpretive services left little time for other naturalist activities. During the month some progress was made on the tree snail exhibit for Royal Palm. Exhibits as Pa-hay-okee were vandalized and the plexiglas covers stolen. These exhibits are in such poor repair they must be refurbished before they are replaced in the shelter.

Research and Observations: Park Ranger Lee B. Chamberlaine continued his special assignment under Park Biologist Robertson on the Long Pine Key controlled burn study. It is hoped final research on this program can be completed and a report written on it in the near future.

Protection: Three law enforcement cases were heard before the U. S. Commissioner this month. They involved driving at excess speeds and reckless operation. Seven written warnings wereissued to Park visitors for minor violations. Park Rangers participated in eight boat rescues all of a minor nature.

47 sportfishing boats were contacted by Ranger personnel and Park Service rules and regulations discussed.

Patrol mileage for the park was as follows: Motor vehicle 21,765; Glades Buggy 136; Airboat, 10; boat 4,538; TOTAL 26,449 miles.

Forest Fire Protection: Fire danger increased markedly during the month as the water table continued to fall . Fire danger is being increased greatly by the normal winter and spring drought and the many laborers assisting in harvesting operations along the East boundary and Hole-in-the-Doughnut areas. One building fire report was submitted this month. A radio owned by the concessioner located in the shop building overheated causing a fire which was confined to the set.

Final agreement was reached between Dade County Fire Division, Everglades Fire Control District and the Park on the revision of the Cooperative Agreement between these agencies. This is now being circulated for signature.

Sanitation: A representative of the U. S. Public Health Service inspected the concession food handling service at Flamingo. A report has been received from Mr. Gerald Hansler and is being acted upon. While here he checked out the employees of the Park on the use of the Millipore system of testing well waters.

Concessioners: Messrs. Knight and Pegram of the Everglades Park Co., Inc. conferred with Supt. Joseph regarding trailer facilities at Flamingo and their desire for landscaping around the new motel units recently completed there. Sketch plans for proposed low-cost housing units, and for their tentative idea of enlargement of the existing main building at Flamingo were also discussed. As to landscaping the policy contained in memorandum No. 64-17 of February was read to them. Other items have been covered in individual memoranda.

Concession operations remained at a high level with the operator at Flamingo reporting a 72 percent increase over last year. This is partially explained by the opening of sixty additional rooms at the Flamingo Lodge. A new boat trip to the Bear Lake area was started during the early part of the month; was extremely well received by the public, but had to be discontinued on March 26 because of low water.

A decrease in the number of persons carried on the boat trips from Everglades was noted during the month. This was attributed to windy weather and road construction north of the town.

Resource Planning

Water Resources: Messrs. Joseph, Burroughs, and Nix met with members of the USGS and the U. of Miami Institute of Marine Science to confer on current matters pertaining to water rsources.

On March 6 Mr. Arthur Marshall head of the Vero Beach Office of the U. S. Fish and Wildlife Service spent the day at Park Headquarters going over the Corps of Engineers Survey-Plan with Hydraulic Engineer Nix.

The Superintendent and Hydraulic Engineer Nix attended a meeting in Jacksonville with the Corps of Engineers, Mr. Alfred Vick III of the Southeast Regional Office, and representatives of the Work Study Group of the Southeast Area Field Staff, as well as the staff of the Corps office regarding the water for Everglades National Park and possible changes in the Corps' Survey-Review Report for this area. The next meeting will be at Corps offices on April 15, which State and FCD personnel are expected to attend.

During the month several conference were held with USGS personnel regarding the location of the test well site, and at the end of the month the site had been selected and plans were forming up for preparation of the specifications and bids by the USGS.

The Governing Board of Florida Flood Control District held one of their regular monthly meetings in the Park. These gentlemen were given considerable orientation by air and water and enjoyed fishingin park waters, and were welcomed by the Superintendent at the beinning of their meeting held in the Visitor Center. Representatives of The Miami Herald and The Homestead Leader attended. Clippings from the papers have been forwarded.

Cooperation with Other Federal, State, or Local Agencies: A research team operating under contract with the U. S. Signal Corps, consisting of personnel from the U. of Miami, conducted some light distance studies along the Seven-Mile Road north of the fire tower.

Public Affairs

General Publicity: On Saturday, March 31, the Superintendent participated in a symposium conducted by the Florida Academy of Sciences at Rollins College, Winter Park, Fla. The subject discussed was "Conservation in the Race for Recreation Space".

Public Relations: Administrative Asst. Secretary D. Otis Beasley and party were here beginning March 12. The Asst. Secretary was taken to Flamingo and on boat trips to Cuthbert Rookery and on Bear Lake Canal. He was briefed on park operations and activities.

Messrs. Eichhorn and Darling of Conservation Foundation of New York City arrived on March 3 and remained until the 8. During their stay they met with and made field trips in the park and on the Keys with Superintendent Joseph, Dr. Robertson the Park Biologist and Dr. Craighead, Collaborator. On Thursday, 3/5, they were flown over the area in the Park aircraft.

Mr. and Mrs. Joshua Nickerson visited the area for three days. Mr. Nickerson is Vice President of the Cape Cod Commission and an NPS Collaborator. He was referred to Supt. Joseph by Supt. Gibbs. Mr. and Mrs. Nickerson were aided in having a good time while in the Park along with his study of conditions and developments here as they might pertain to Cape Cod.

On Sunday, March 22, Ambassador Jayaratne of Ceylon visited the Park. He was accompanied by Mrs. Jayaratne, Mrs. Canagaratnam Gunasingham wife of the First Secretary of the Embassy of Ceylon and Mrs. Tennekoon, wife of a World Bank Executive from Ceylon.

Asst. Supt and Mrs. Burroughs, Chief Park Ranger and Mrs. Branges, Ranger and Mrs. Robert E. Benton represented the Park by attending a reception given by the Ambassador at the McAllister Hotel in Miami as Supt and Mrs. Joseph were out of town on park business.

Asst. Superintendent Carroll A. Burroughs gave an address on "Litterbugs of the Past" to a group of approximately 90 park visitors in the Visitor Center the evening of March 24,1964.

Superintendent and Mrs. Joseph attended the Audubon Society Conservation Awards dinner in Miami on March 25 at the invitation of Mrs. Flora O'Brien of the Florida Audubon Society

The Superintendent was the guest of the new Commanding Officer of the Missile

Battalion at the Homestead AFB Officers' Club on March 26. Captain Bruck escorted Mr. Joseph to the Base.

Plans for the annual Tropical Audubon Society trip to the Dry Tortugas, May 1-3, are going forward. The contract for the dredging to cover the oil dump in that area was completed on March 19.

Design and Construction

Conferences and Meetings:

Mr. H. Reese Smith and Mr. Robert G. Hall were in the Park for several days. They inspected Flamingo campground and new concessioner motel units, as well as conferring with the Superintendent and Asst. Superintendent and concession representatives before leaving on Friday, March 27. Mr. Smith also viewed the construction in the 7-Mile Fire Tower area.

DESIGN AND CONSTRUCTION

Plans, Maps, and Surveys

The Park base map, Drawing NP:EVE 7109A is being brought up to date with completion expected in April, 1964.

Preliminary studies have begun to locate the Park boundary as revised in the vicinity of Chokoloskee Bay, Gulf Coast.

New Construction

The land fill project for Long and Bush Keys, Fort Jefferson National Monument, a project to render harmless the Bunker "C" oil spilled on these Keys, is now complete. Project cost $19,600.

There is normal progress on the remaining three Accelerated Public Works projects; Reconstruct Fire Cache, Pine Island; 7-Mile Fire Tower Road; and construction of 7-Mile Fire-Observation Tower.

The Flamingo campground expansion projects, Paving and Utilities, shows normal progress. The contractor is hopeful that the earthwork for the sewage lagoon and paving for the campground roads and turnouts, and for the concessioner expansion projects will be completed prior to the seasonal rains.

Utilities

One duplex sewage pumping unit was installed and placed into operation by Park Forces at the Concessioner Motel Expansion site.

Revisions to the RCA leased communication system work order have been prepared for the installation of three, 150 water power communication sets at Fort Jefferson National Monument.

Conferences and Meetings

The Chief, Eastern Office, Division of Design and Construction, Mr. Robert Hall and Chief Engineer, Mr. Reese Smith discussed present and future construction projects and Master Plan revisions with the Park Staff this month.

Horace B. Bowman

Acting Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

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1	2	3	4	5	6	7	8	9
1961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	H-122 H-78 H-80		435 1/8/61 13,602 5/24/61 24,043 2/2/62	C & DL	Dec 61 June 64	90	D&C and F.
1963	B-27-EVER Flamingo: Campground Development Including Trailer Facilities, Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 10 Structures (63)	U-71 U-72 U-73 U-74 U-79 U-81 B-139 B-140 B-147 H-129-1 H-135-1	3220A 3236 3228A 3224A 3223A	107,063 2/1/63 20,000 3/22/63 6,229 6/6/63 55,600 6/26/63 41,517 6/20/63 2,250 9/4/63 2,283 1/13/64 1,600 1/21/64 130,204 2/10/64 900	C	Jan 63 Aug 64	70	D&C Contract #14-10-0111-209, Kennedy Constr. Co., orig. amt. of contract $66,599. Contract completed. Letter of Acceptance issued March 11. Request for Release of Claims issued March 11. Final Estimate issued March 11. W.O. B-27-EVER (Rev. #3) issued to provide funds in amt. of $779.00 for overrun on piling. Contract #14-10-0111-21[illegible], Waters and Stewart, Inc., orig. amt. of contract $[illegible].42. (See B-14-EVER for balance of funds.)

MONTHLY PROGRESS REPORT

Area Everglades National Park

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1963	B-[illegible]-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132	[illegible]	12,500 2/1/63	C	Mar 63 Jun 64	95	P.
1963	B-[illegible]-EVER Long Pine Key, Campground Development (Comp.)	B-130	3049A 3322 3326A	3,690 6/6/63 4,593 6/13/63 16,289 6/28/63 1,960 10/29/63	C & DL	Jun 63 Apr 64	100	D&C and P. Contract (14-10-011-20), Kennedy Construction Co., orig. amt. of contract $66,595. (See B-77-EVER and B-55-EVER for balance of funds.)
1964	B-[illegible]-EVER Provide and Install House Trailer and Utilities, Twelve Ranger Station (64)	B-153		6,000 1/13/64	C	Feb 64 Sept 64	5	P.
1964	B-[illegible]-EVER Flamingo: Construct Utilities, Concessioner Motel Expansion	U-82	3293A	2,000 1/13/64 26,866 1/14/64 430 2/24/64	C	Jan 64 Apr 64	90	D&C
1964	Key Largo Flag Pole Installation	B-144		Est. 1,000 1/10/63	C	Apr 64 Aug 64	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1964	Parachute Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	6-142	3038	Est. 10,600 5/19/63 to 10,600 12/30/63	C	June 64 / Aug 64	0	NSC Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1	2	3	4	5	6	7	8	9
1961	R-11-EVER Long Pine Key Campground & Picnic Area, Construct Walks, .57 mile	R-66		4,000 6/25/61	DL	Nov 61 Mar 64	100	P.
1963	R-13-EVER Park General: Signs (77) Regulatory and Informational (63)	R-114		5,300 12/10/63	DL	Jan 63 Apr 64	95	P.
1963	R-14-EVER Circulatory Roads and Parking, Flamingo Campground	R-31 R-93	3270A 3236	62,000 8/1/63	C	Jan 63 Oct 64	45	MAC Contract #14-10-0111-234, Waters and Stewart, Inc., orig. amt. of contract $232,234.42 (See R-27-EVER for balance of funds and information).
1961 1964	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (61) Construct Roads, Parking Area and walks for Concessioner Motel Units (64)	R-102 R-106 R-113	3228A 3223A	Re 20,000 3/22/63 750 9/4/63 112,145 2/4/64 Re 32,896 3/2/64				
1961	R-17-EVER Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers.	R-96		2,500 2/10/64	DL	Feb 64 Apr 64	10	P. Signs being prepared.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	B-23-EVER Restoration of Counterscarp Wall (SE)	14-5-4	2003	22,000 4/3/62 8,500 6/20/63	DL	Apr 62 / Apr 64	95	P.
1962	B-24-EVER Rebuild Historic Walks and Moat Bridge	14-1-1	2003	14,000 4/3/63	DL	Apr 62 / Apr 64	75	P.
1962	B-25-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	14-26	2003	3,000 2/5/63	DL	Feb 63 / July 65	30	P.
1963	B-30-EVER Replace Portion of Base Fill Material and Rehabilitate the Concrete Footings (SE), Area of South Cooling Dock	14-16-1		7,000 4/22/63	DL	Apr 62 / Apr 64	95	P.
1964	B-36-EVER Repair and Repointing Fort Walls	14-27		42,500 11/4/63 None 2/27/64	DL	Jan 64 / May 65	10	P. and M&C Contract #14-10-0111-230, awarded to Monroe Marine Construction Co. in amt. of $19,600 for Dredging and Land Fill, Long Key and Bush Key. Starting date of contract March 5. Inspection held March 18 and accepted 100% complete. Request for Release of Claim, and Letter of Acceptance issued March 25.

MONTHLY PROGRESS REPORT

Area Everglades National Park

ACCELERATED PUBLIC WORKS

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1964	AP4-64-2-EVER Construct Fire Lookout Tower 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134	3231	104,300 10/29/63 Inc 7,100	C	Nov 63 Oct 64	12	D&C Contract #14-10-0111-215, Avant Construction Co., orig. amt. of contract $90,400.
1964	AP4-3-EVER Construct Fire Cache, Pine Island (with Utilities)	B-101	3232A	55,000 12/20/63 Re 6,460 1/31/64	C	Feb 64 May 64	20	D&C Contract #14-10-0111-216, Batchelor Construction Co., orig. amt. of contract $46,040.
1964	AP4-64-4-EVER Construct Road to Seven Mile Fire Tower	R-34-1	3234	239,566 1/31/64 12,040 1/31/64	C	Feb 64 Sept 64	7	D&C Contract #14-10-0111-214, Harris Paving & Constr. Co., orig. amt. of contract $238,565.75. Change Order No. 2 dated March 25, extended contract 15 calendar days, changed completion date of contract from Aug. 29 to Sept. 13, 1964.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
P. O. BOX 279
HOMESTEAD, FLORIDA, 33030

Files

A2823

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK
APRIL 1964

General

Weather Conditions: The weather was generally warmer than average for the month with a high of 96° recorded at the Tamiami Ranger Station. Rainfall was widespread and scattered with heavy amounts being recorded at some stations while others received very little. Royal Palm, for example, registered six inches, while Everglades showed only .23 inches during the month. Rain along the east boundary and the north central part of the Park caused Taylor Slough to rise during the month with the gauge reading 3.77 feet at the end of the period. This compares with a reading at the low ground surface for April 1963 and 1.60 feet at the end of March.

Increase in Travel: The upward trend started the first of this year continued in April. Visitation for the month was 22 percent above April of a year ago and 30 percent above that of the first three months of this year. Visitation to the Park for April was 75,687 people. Total for the year to date was 362,910 people.

Camping continued its phenomenal rise with a total of 2,319 campers or 55 percent above April of 1963. The total increase for the year to date is 82 percent.

Visitors from 48 of our 50 states were represented in the Park with only Hawaii and Nevada not included. Representatives of eight Canadian Provinces and the following foreign countries entered the Park: Germany, the Netherlands, Dominion of South Africa, Sweden, Ireland, Scotland, Argentina, Italy, Panama, Finland, Chile, New Zealand, France, Colombia, Brazil, Peru, Cambodia, Spain, India, Norway, Denmark, Cuba, Venezuela, Australia and Trinidad.

Visitors: Mr. C. C. "Mike" Watson, Property and Procurement Officer, Southeast Region, NPS
Mr. Albert [illegible] Dill, Jr., Supervisory Engineering Technician, Southeast Region, NPS
Mr. Woodbridge Williams, NPS Photographer, Washington, D. C.
Mrs. Robert Horn, wife of Asst. Regional Director, National Capitol Parks, Washington, D. C.
Commander V. Sobieralski, Tampa District, U. S. Coast Guard
Mr. Steenhagen, EODC Landscape Architect
Mr. and Mrs. Jack Anderson, Supt., Vicksburg National Monument, Vicksburg, Miss.
Mr. Burton Rouche, author (Islandia)
Mr. Ernest Borgman, Chief Ranger Padre Island, Texas
Messrs. Harold Weaver and Rodger Sylvester, U. S. Bureau of Indian Affairs
Mr. Croiset, newspaperman from France
Mr. M. Barlow, Audio Visual technician, Southeast Region, NPS
Dr. Kai Curry-Lindahl, Stockholm Sweden

Special Activities: The Superintendent was advised that Mr. Merle Stitt, and a representative from the Department of Justice, would be visiting the Park and the Department of Justice representative would inspect the Fort Jefferson oil spill, probably in early May. The staff assembled additional information for the use of the Department of Justice in prosecution of the Brothers George captain and owners.

Further consideration was given to the changed location of the proposed airport at Everglades, Florida. No final conclusions were reached regarding approval of the changed site, although the original site appeared to have advantages from the NPS standpoint.

An inspection of the USDA Wild Cotton Eradication Camp at Flamingo was made during the month. Mr. Faircloth has replaced Mr. Weaver in charge of the operation. Mr. Faircloth had contacted Mr. Joseph prior to this trip.

Superintendent Joseph and Dr. Frank Elvery of the First Presbyterian Church attended the final meeting of The Christian Ministry in the National Parks before Mr. Walter Parry, Student Minister, left the area.

Various and numerous conferences were held at staff level on the proposed Indian developments along the Tamiami Trail; on construction and interpretation on the 7-Mile Loop Road and Observation Tower; and on the feasibility study for Fort Jefferson National Monument.

The month closed with planning for the anticipated visit of Asst. Director Baker and Regional Director Cox early in May.

Four Park Rangers attended an 8-hour radiological monitoring class conducted by the Dade County Civil Defense organization. A photographic history of the development of young ospreys was completed by photographer Frederick K. Truslow of the National Geographic Society. Park Ranger Lee B. Chamberlaine attended the Tall Timbers Fire Ecological Conference held at Tallahassee, Fla.

Ranger personnel assisted the Homestead Air Force Base by participating in a mock nuclear attack experiment.

Miscellaneous: Ranger Cunningham accompanied Dr. Shoemaker and 17 students from the U. of Illinois ecology field course to Snake Bight, Bear Lake Road, and Flamingo on April 3.

Among others who were assisted and guided were Dr. Kai Curry-Lindahl and Dr. Leslie Tuck, as well as Mr. Woodbridge Williams NPS photographer.

Administration

Management Analysis: Planning conferences were held at staff level on the 1966 budget and the Master Plans for Everglades National Park and Fort Jefferson National Monument. Superintendent Joseph has delegated Asst. Superintendent Burroughs to attend the Master Plan Presentation in Richmond on June 2 and to continue to Philadelphia to discuss Park construction projects with officials of EODC.

Personnel: Accessions: Career Conditional Appointment was given Rex Wells Holden as Park Ranger, GS-453-5, effective 4/7/64.
Changes: John A. Buck, Accounting Officer was converted to career appointment effective 4/10/64.
Samuel V. Hendlen was promoted from Park Ranger (Naturalist) GS-4 to same, GS-5 effective 4/19/64.
Gloria C. Treusch, temporary appointment, was converted to reinstatement in the position of Clerk (Dict. Mch. Trans.) GS-4, effective 4/19/64.
Carl C. Von Paulsen excepted appointment as Collaborator (without compensation) was extended to 4/28/65.

Seven additional construction employees were appointed on a temporary basis at Fort Jefferson National Monument during April.

Conservation, Interpretation and Use

Interpretive Facilities: The liguus snail exhibit has been completed and installed in the exhibit room at Royal Palm Visitor Center.

Interpretive Services: Summer interpretive schedules went into effect April 12, with campfire programs at Long Pine Key and Flamingo and the special Wednesday evening programs at Headquarters being discontinued. The evening programs at Flamingo continue on a nightly basis with good attendance reported through April 25. The morning nature walk at Flamingo has been curtailed to three times per week.

The interpretive staff supplied speakers for a number of off-site programs during the month. The Gulf Coast District Ranger gave one off-site talk during the month. The film Highlights of the Everglades was used several times weekly by various groups and organizations.

Park Rangers conducted seven regular boat-a-cades and one special boat-a-cade this month.

On most Fridays and Saturdays one to three groups of school children make field trips into the Park.

Visitor contacts made during April numbered 111,744.

Research and Observation: A Bahama pintail was sighted at West Lake on April 24. This is a very rare bird in the United States and the second on record for Everglades National Park. On a visit to Cuthbert Lake rookery only one Wood Stork was found nesting. This nest contained half-grown birds. About 100 Wood Storks were on the island but not nesting. The presence of one cattle Egret in breeding plumage was noted.

A nest containing three young Herons, one white and two blue was found and photographed on Frank Key in Florida Bay.

Research and Observations (cont'd): On April 11 about 350 birds were observed nesting on Cuthbert Rookery. The majority were common egrets, snowy egrets, cormorants and anhingas. There were about 250 wood storks, but they did not display any nesting activity. On April 24 about 80 storks were observed merely standing around and only one stork nest was seen. There is also nesting activity on Frank Key. Over 100 roseate spoonbills could be seen roosting daily over the western mangrove fringe of the island.

Dick Wade, a co-investigator from the University of Miami held a conference on tarpon with Asst. Superintendent Burroughs and Research Biologist Robertson on April 13.

Plans for the banding of sooty and noddy terns at Fort Jefferson National Monument neared completion.

Protection: Warning tickets were issued for a rash of minor violations during the month. Ranger personnel assisted representatives of the Southeast Region, Fish and Wildlife Service and Bureau of Outdoor Recreation on trips to proposed Islandia National Monument. Sub-district Ranger George F. Schesventer accompanied Park photographer Woodbridge Williams on a trip to Fort Jefferson to assist him in obtaining underwater photographs of coral formations.

A burned out car was found parked in the Pinelands Trail parking area. Investigation proved this car had been stolen from Miami. The FBI assisted in investigation of the case and the vehicle was turned over to Dade County Sheriff's Office.

Patrol mileages for the month were as follows: Vehicle 23,086; Glades buggy 77; Boat 2,402 - TOTAL 25,565.

Resource Planning

Water Resources: The Work Study Group on the Water Resources of Everglades National Park met with the Corps of Engineers in Jacksonville on April 15. Following this meeting material representing the viewpoint of the National Park Service was submitted to the District Engineer, Jacksonville District, Corps of Engineers with the assurance that if possible it would be incorporated into the Survey-Review Plan as a change in text, or in any event as an appendix.

A meeting was held at Park Headquarters attended by members of the cooperating Bureaus of the Interior Department regarding the preparation of data to be submitted to the Corps of Engineers.

Discussions were held with U. S. Geological Survey personnel regarding the photographic work being done for the Park, for use in Water Resources Studies.

Public Affairs

General Publicity: On April 3 and 4 Superintendent Joseph accompanied by Gulf Coast District Ranger R. A. Stokes made arrangements with the U. S. D. A. office in Naples regarding final plans for NPS personnel to appear on the Fort Myers

television station on a monthly basis, to begin in May, for the summer season; contacted officials of other organizations; and attended the Annual Meeting of the Florida Nature Conservancy held at Koreshan State Park, Florida.

The Superintendent gave a talk on Everglades National Park and Big Bend National Park, Texas to the Monroe County Audubon Society on April 30. Attendance numbered about fifty.

Public Relations: The second weekend of the month the Superintendent and Mr. John Pennekamp, Assoc. Editor of The Miami Herald; Mr. Robert B. Knight, President of the Everglades Park Co., Inc., Flamingo and Mr. George Pegram, Member of the Board of Directors of the Everglades Park Co., Inc., visited at Lost Man's River.

Superintendent Joseph taped a program on Big Bend National Park to be shown on the local television channel at a later date.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

The Everglades Concessioner, Everglades Park Co , Inc. submitted preliminary plans for approval for three new concessioner facilities: 24 Low Cost Overnight Rental Units, Employees Recreation Building, and a L.P. Gas Dispensing Station all to be located at the Flamingo Developed Area.

New Construction

The one remaining project programmed for FY 1964, Flag Pole Installation, Key Largo, is now under contract.

Recruiting of day labor personnel for the Fort Jefferson National Monument Project is now complete, and the project 'Repointing Fort Walls and Cleanup" is again underway.

Construction of the three ARM projects assigned to Everglades shows normal progress with completion dates as follows:

(1) Fire Cache Building, Pine Island:	May, 1964
(2) 7-Mile Fire Observation Tower	October, 1964
(3) 7-Mile Fire Tower Road	September, 1964

It is expected that the 7-Mile Fire Observation Tower and Road (now called "Shark Valley" instead of 7-Mile) will be operational and open to the public by the end of October, 1964.

The Flamingo Campground Expansion project (185 additional camping sites and utilities) shows normal progress with a completion date of June, 1964.

Meetings

Representatives of the Corps of Engineers, the Contractor, and Everglades National Park met this month for a mutual understanding of the Policies and Regulations by which the military installation construction in the "Hole in the Donut" will proceed. This work is well underway with one year construction time.

Stanley C Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area [illegible]

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) [illegible]

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1961	B-16-[illegible]							
	Loop (One Way Pavement & Picnic Area Facilities), Tables, Shelter, Fireplaces, Drinking Fountains, Refuse Cans, Grading, Seeding and Planting	76-123 B-39 B-69		435 [illegible] 13,802 [illegible] 36,043 [illegible]	C C	Dec 61 Jan 62	98	W.C and F.
1963	B-11-[illegible]							
	Flanking Campground Development Including Trailer Dump Station, Loops 2 and 3 Including Utility Fill (61) Contract Utilities (Lines & Hoses) Sewage-Lg Cables, 36 Units, 12 Structures (53)	B-71 B-73 B-73 B-74 B-79 B-87 B-139 B-149 B-147 B-139-1 B-139-1	[illegible] 11/63 [illegible] 11/63 [illegible] 11/63 [illegible] 6/63 [illegible] 11/63	107,363 [illegible] [illegible] 3,[illegible] [illegible] [illegible] 53,688 [illegible] 41,317 [illegible] 2,735 [illegible] 2,305 [illegible] 1,400 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	C	Jan 63 Aug 64	98	Bid Contract [illegible], Waters and Sewers, Inc., orig. amt. of contract $137,348.47. (See B-16-[illegible] for balance of funds.) B-17-[illegible] (Gen. Fd) issued to provide funds in amt. of $175.00 for Registration Board and Sign to Drill Camping Area; authority Regional memo [illegible] dated March 28, 1963.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): April 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-29-EVER: Mobile Home, Flamingo (I) (AS) Construct Septic Tank and Drainage Field	B-133		12,500 2/7/63	C	Mar 63 Jun 64	95	E.
1964	B-31-EVER: Provide and Install Home Trailer and Utilities, Tamiami Canger Station (AS)	B-137		6,200 1/13/64	C	Feb 64 Sept 64	5	E.
1964	B-30-EVER: Flamingo: Construct Utilities, Concessioner Hotel Expansion	U-82	2030A 11/63	2,000 1/13/64 18,868 1/13/64 430 2/28/64	C	Jan 64 Apr 64	100	E&C
1964	Key Largo: Flag Pole Installation	K-154		Est. 1,800 2/13/63	C	May 64 July 64	0	E&C Request for Quotations No. 2 issued 4-13-64 to be opened April 28, 1964 for installation of one 35' aluminum Flagpole, including foundation, pulleys and lanyard.
1964	Pennekamp Key: Rustall Lens Sprinkler System, Visitor Center-Headquarters Building Area	K-147	3030A Rev	Est. 12,850 2/19/63 12,400 12/20/63	C	Jun 64 Aug 64	0	E&C Preliminary Plan received. Project to be advertised in May 1964.

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) April 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-13-EVER Park General: Signs (2T) Regulatory and Informational (63)	B-114		5,000 12/13/63	DL	Jan 63 July 64	95	P.
1963	B-14-EVER Circulatory Roads and Parking, Flamingo Campground	B-91	3275A	60,000	C	Jan 63	45	MC Contract #14-10-011-112, Waters and
	Flamingo Campground	B-93	12/63	8/1/63		Oct 64		Stewart, Inc., orig. amt. of contract
1963	Flamingo: Construct Roads, Parking	B-102	3275 Rd	20,000				$232,238.42 (See B-17-EVER for
	Area and Table for Concessioner	B-106	12/63	3/22/63				balance of funds.) Change Order #3
	Housekeeping Cabins (61)	B-113	3275A	750				issued to provide 4 parking pull-outs
1964	Construct Roads, Parking Area and Units for Concessioner Operated Units (64)		12/63	4/4/63				for Campground Registration Boards;
			3275A	$18,065				Contract increased $100.00
			12/63	2/4/64				
			Rd	30,806				B-14-EVER (Rev. #1) issued in amt. of
				3/3/64				$400.00 to provide funds for Change
				400				Order No. 3.
				4/22/64				
1964	B-17-EVER Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Shelters	B-56		2,500 2/10/64	DL	Feb 64 July 64	95	P. Signs being prepared.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): April 1964

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONTRACT (C) OR DL	ESTIMATED DATE: STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	B-23-EVER Restoration of Quartermaster Wall (#2)	B-3-4	3003 1/1939	27,000 4/2/63 8,300 6/28/63	DL	Aug 62 Apr 64	[illegible]	P.
1962	B-25-EVER Rebuild Historic Gate and Moat Bridge	B-1-1	3003 1/1939	14,000 3/28/62	DL	Aug 62 Jun 64	77	P.
1963	B-29-EVER Garden Key: Seeding & Fertilizing (Seaside Ground)	B-26	3003 1/1939	3,600 2/6/63	DL	Feb 63 July 64	30	P.
1963	B-30-EVER Replace Portion of Dade Fill Material and Rehabilitate the Concrete Footings (#2), Area of South Curling Rock	B-18-1		7,300 4/17/63	DL	Aug 63 Apr 64	100	P.
[illegible]A	B-15-EVER Repair and Repointing Fort Walls	B-17		42,500 11/4/63 Done 2/27/64	DL	Jan 64 May 65	20	P. and D&C Plans not complete.
1962	Garden Key: Construct New Water System	U-15-1		Est. 60,000 9/14/61 60,000 1/3/63	C	Jan 66 Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): April 1964

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONTRACT (C) OR DL	ESTIMATED DATE: STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	Est. $ 5	6	7	8	9
1963	Garden Key: Quarters Employee Residences (5), 3 - 1-bedroom; 2 - 3-bedroom, 1 - 3-bedroom	D-16-1		102,200 8/24/61 Rev 60,000 3/9/61 Rev 8,000 1/8/63 Rev 12,500 1/18/63 Rev 41,300 4/7/63	C	Jan 63 Jun 63	0	D&C Plans not complete.
1963	Garden Key, Quarters Sewage Disposal	D-18-1		Est. 8,600 8/24/61 Rev 8,600 3/21/63	C	Jan 63 Jun 63	1	D&C Plans not complete.
1963	Garden Key: Provide and Install Communication System	E-30		Est. 18,900 10/8/63 Rev 8,500 8/28/63 Rev 3,000 11/7/63	C	Jan 63 Jun 63	0	D&C Plans not complete.
1963	Garden Key: Construct Fire Protection System	E-17-1		Est. 8,300 12/4/63 Rev 6,500 12/31/63	C	Jan 63 Jun 63	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park — ACCELERATED PUBLIC WORKS

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): April 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	ACP-64-1-EVER Construct Fire Lookout Tower 1-Mile Trail, Comfort Station and Utilities for Five Towns	B-13A	3731 1/1964	$14,300 11/29/64 Re 7,181 1/31/64	C	Dec 63 Jan 64	35	D&C Contract #14-10-0111-715, Avant Construction Co., orig. amt. of contract $35,488.
1964	ACP-64-2-EVER Construct Five Cache, Four Inland (with utilities)	B-13B	3733A 1/1964 Re	35,000 12/31/64 4,460 1/31/64	C	Feb 64 May 64	77	D&C Contract #14-10-0111-716, Bugbee Construction Co., orig. amt. of contract $46,041.
1964	ACP-64-4-EVER Construct Road to Seven Mile Fire Tower	B-36-1	3735 12/1963	130,966 6/30/64 18,448 1/31/64	C	Feb 64 Sept 64	6	D&C Contract #14-10-0111-714, Harris Boring and Constr. Co., orig. amt. of contract $130,361.75.

Summary of the March Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Ideal	1
Travel:	Up 32%. Camping 97% Concessioner up	1
Special Activities:	Numerous and varied	2
Personnel:	Numerous actions	2
CONSERVATION, INTERPRETATION & USE:	201,000 contacts this month Record crowds Four proposals for mural submitted Controlled Burn Study nearing completion	3
	Flamingo concessioner use up 72% Planning with concessioner for low-cost units continues.	4
RESOURCE PLANNING:	Numerous conferences and meetings on water problem	4-5
PUBLIC AFFAIRS:	Many special activities by Superintendent Asst. Superintendent and members of Park staff	
DESIGN AND CONSTRUCTION:	Messrs. Smith and Hall inspected construction and aided in planning with concessioner	6

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
P. O. BOX 279
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
MARCH 1964

General

Weather: Ideal tourist temperatures prevailed ranging from the mid-eighties in daylight hours to the sixties at night. Rainfall was widely scattered ranging from .05 of an inch at Royal Palm to 2.03 inches at Tamiami. The water table continued to drop rapidly with Taylor Slough gauge reading 1.60 feet on the 31 of the month compared with 3.07 feet at the end of February. The gauge read 1.48 feet for March 1963.

Increase in Travel: Visitors to the park broke all records for a one month period since its dedication. For the second consecutive month more than 100,000 persons entered the area. Visitors totaled 102,243 this month which represents a 32 percent increase over March 1963. Total visitation for the first quarter of the calendar year is 287,223 which again represents a 32 percent increase over last year.

Camping continued its phenomenal growth with a total of 6,824 persons using Park facilities. The percentage increase over March 1963 was 97. Camper use for the first quarter of this year showed an 86 percent increase over 1963.

Visitors from all 50 states entered the Park as well as nine Canadian Provinces, one U. S. Territory and 25 foreign countries as follows: Northern Rhodesia, Republic of Panama, Thailand, Republic of the Congo, Argentina, Yugoslavia, Cuba, United Kingdom, Bolivia, Portugal, Japan, China, France, Germany, Brazil, Austria, Sweden, Venezuela, Dutch West Indies, The Netherlands, Norway, Switzerland, Australia, Denmark, and Russia.

Visitors: Dave Oshner, Asst. Chief Park Naturalist, Blue Ridge Parkway
Carl Gitlen, Regional Director, Florida Park Service
Asst. Secretary of the Interior D. Otis Beasley
Ambassador and Mrs. Jayaratne, Mrs. Canagaratnam Gunasingham and Mrs. Tennekoon
Mr. and Mrs. Pontius of Massachusetts)
Mr. and Mrs. Boyer of Pennsylvania) Members of Secretary Beasley's party
Mr. Jim Robertson)
Mr. and Mrs. Harvey Duckett, friends of Mr. A. Clark Stratton
Mr. Manoochehr Khalkhali, Tehran, Iran
Mr. and Mrs. Joshua Nickerson. Mr. Nickerson is Vice President of the Cape Cod Commission and NPS Collaborator
Mrs. Robert Horne, wife of Asst. Regional Director, National Capitol Parks.

Visitors (Contd.):
Mr. Layman Hardy and Mr. John S. Hamilton, National Geographic Society, Washington
Dr. Keith W. Slack, Chief Biologist, USGS, Arlington, Va.
Mr. W. F. White, USGS, Arlington, Va.
Dr. J. M. Keshishion and Dr. Arthur Ruther, Washington, D. C. interested in conservation, were here with Mr. Fred Truslow, Park Collaborator and National Geographic photographer.
Mr. Gerald Hansler, US Public Health Service, Atlanta, Ga.
Mr. Ellison E. Hardee, Supt., John Pennekamp Coral Reef State Park
Dr. F. Fraser Darling and Mr. Noel D. Eichhorn, Conservation Foundation, New York
Mrs. Pat Pegler, Secretary, Washington, D. C. camped at Flamingo with her husband.
Mr. Bob Sisson, photographer, National Geographic, Washington, D. C.
The following formed a Water Study Group re water resources problem:
W. Randolph Hodges, Director of the Florida Salt Water Commission
Mr. Wakefield, Director of Florida Water Resources
Mr. G. E. Dail, Director of the Central and Southern Florida Flood Control Dist.
Mr. Riley Miles, Mr. R. R. Hounri and Mr. R. L. Searle, Members of the Board for the Florida Flood Control District
Mr. and Mrs. Scott, Consultant for the Florida Flood Control District
James Hoffa, President United Teamsters Union
Lyle J. Dunn, Grand Exalted Ruler of the Brotherhood of Elks
Mr. Arthur Marshall, U. S. Fish and Wildlife Service, Vero Beach, Fla.
Mr. Robert C. Squier, NPS Southeast Region, Proposed Area Studies
Mr. Tom Morris, NPS Southeast Region, Planning Service
Mr. W. Woodbridge Williams, NPS Photographer, Washington, D. C.
Miss Marilyn Lane, photographer and writer, The Miami News
Dr. Meyer, Harvard University, Boston, Mass.
Messrs. Robert Hall, Chief EODC and H. Reese Smith, EODC, Chief Engineer
Mr. Neal A. Butterfield, NPS, Southeast Region

Special Activities: Two Everglades Rangers assisted personnel from DeSoto NM in handling crowds during the DeSoto Landing Celebration at Bradenton, Fla.

Personnel from the Ranger Division manned the Park Service booth at the South Dade County Fair. Exhibits this year consisted of Park map, photographs, and screen projection slide program.

The Chief Ranger and Asst. Chief Ranger attended a meeting in the Office of the Dade County Fire Chief in Miami, where the cooperative agreement between Dade County Fire Division, Everglades Fire Control District and the Park was discussed. A later meeting was held at Park headquarters when personnel from the Florida Forest Service joined the group.

Ranger personnel assisted in a preliminary study of the Islandia project. Asst. Regional Director Neal A. Butterfield, Robert C. Squier and Thomas Morris were also associated with this project.

Mr. W. Woodbridge Williams, NPS photographer, Washington, D. C. was in the Park and adjacent areas taking pictures of various types of scenery, wildlife, etc. He was flown over the area in the Park aircraft to facilitate his work.

Personnel: Accessions: William E. York was given a Career Conditional appointment as Automotive Mechanic Helper, WB-5823, effective 3-30-64.
Separations: Feser, Lawrence H. resigned his position of Fire Control Air, GS-456-4 effective 3-4-64 to accept a Career-Conditional appointment at Petrified Forest.

A2823

Summary of the May 1964 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Temperatures averaged in high 80's	1
Travel:	Increases continue	1
Visitors:	Washington and Regional representatives; several foreign students and State Dept. groups.	
Special Activities:	Many and varied	2
Miscellaneous:	One birth	
ADMINISTRATION:	NPS audit completed. Several changes in personnel	3
CONSERVATION, INTERPRETATION & USE:	Visitor contacts lessened. Guy Bradley's possessions donated to Park. Planning and research projects begun.	3
	Protection of Loggerhead turtles planned Patrols nightly.	4
	Third bird banding trip to Ft. Jefferson completed. New Fire Cache in operation	5
RESOURCE PLANNING:		
Water Resources:	Varous meetings on fresh-water situation with Corps of Engineers, Central and Southern Florida Flood Control District.	5
	Dept. of Justice representatives surveyed Ft. Jefferson oil spill.	6
	US PHS Virus Lab. tested 56 park employees for encephalitis.	
PUBLIC AFFAIRS:	Superintendent spoke before Zoological Society of Florida in Miami and on live TV at Fort Myers, Fla.	6
	Mr. Monroe Bush, Vice President of the Old Dominion Foundation, Washington, D. C. was hosted by Superintendent for several days.	
	Friends of Director Wirth celebrated their 60th wedding anniversary at Flamingo	

In reply refer to:
A2823

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

MAY 1964

General

Weather Conditions: Temperatures averaged in the high 80's during the month occasionally soaring to the 90's. Rainfall was still somewhat below normal and scattered, ranging from 6.35 inches recorded at Everglades, to 1.8 inches at Key Largo. The water table continued to rise and by the end of the month registered 4.00 feet at the Taylor Slough Bridge. This is .04 inches below May 30, 1963. By the end of the month, however, it appeared late spring and summer rains had started with one shower bringing 2.80 inches at Royal Palm on the 29.

Increase in Travel: The pace of increased visitation slackened somewhat during the month. However, the number of persons entering the Park did increase by 5 per cent. Visitation for the year to date is 415,364, which is 26 per cent over a like period last year. The number of persons served by the concessioner represents a 20 per cent increase over 1963. Camping in the Park's two main campgrounds increased by 20 per cent during the month and for the first five months of the year shows a 79 per cent increase over the same period last year.

Visitors: Visitors from 46 of the 50 states entered the park during the month as well as those from 4 Canadian provinces, 4 U. S. territories and the following foreign countries: United Kingdom, France, Germany, Spain, Italy, Ireland, Japan, Cuba, East Pakistan, Switzerland, New Zealand, Poland, Africa, Argentina, Costa Rica, The Netherlands, Brazil, Australia, Colombia, India, Israel, Denmark, and Norway. The following individuals were aided in seeing the Park:
Dr. Kai Curry-Lindahl, Director, Zoological Dept., Stockholm Sweden
Howard W. Baker, Assistant Director, NPS
Elbert Cox, Regional Director, Southeast Region, NPS
Merle Stitt, Regional Biologist, Northeast and Southeast Regions, NPS
John Durant, Correspondent, The New York Times, New York, New York
Leonard Pardue, U. S. Weather Bureau, Miami, Fla.
S. L. Fickett, Biologist, Florida Game and Fresh Water Fish Commission, Ft. Lauderdale, Florida
Carlton Chappell, Ditto
E. Dale Crider, Ditto
Lehman Hardy, Superintendent, John Pennekamp Coral Reef State Park
Herbert Stoddard, Biologist and President of Tall Timbers Research Station, Tallahassee, Florida
Roy Komerick, Editor and Curator, Tall Timbers Research Station, Tallahassee, Fla.
Robert Bardot, Education and Information Office, Florida Forest Service
Vickko Kokkda, Member of Parliament, Finland
Mr. and Mrs. Edward C. Snell, Pompano Beach, Fla. Friends of Director Wirth
Arthur Marshall, U. S. Fish and Wildlife Service, Vero Beach, Fla.
A. O. Patterson, U. S. Geological Survey, Ocala, Fla.
Carl Peterson, U. S. Department of Labor, Miami, Fla.

Mr. and Mrs. Hans Dossenbach, Zurich, Switzerland, The World Wildlife Fund
Senator Rolf Schwedler, Participant in Foreign Leader Exchange Program, Dept. State, Washington, D. C.
Carlton M. Herman, U. S. Fish and Wildlife Service, Laurel, Maryland
John D. Findlay, U. S. Fish and Wildlife Service, Atlanta, Georgia
Stephen Trumbull, The Miami Herald, Miami, Florida
Mr. and Mrs. L. Queiro (Guy Bradley's daughter-in-law) Jacksonville, Florida
John S. Stewart, FHA, Lake Worth, Fla.
Monroe Bush, Old Dominion Foundation, Washington, D. C.
R. Naheshwari, Botany Department, University of Delhi, Delhi, India
Verne F. Newhouse, USPHS, Atlanta, Ga.
Arthur H. Neill, USPHS, Washington, D. C.
Albert V. Hardee, State Board of Health, Tallahassee, Fla.
James Bond Ditto
Dr. Telford H. Work, USPHS, Atlanta, Ga.Dr. W. Daniel Sudia, USPHS, Atlanta, G
Dr. Roy W. Chamberlain, USPHS, Atlanta, Ga.

Special Activities: Ranger personnel assisted the U. S. State Department Reception Center, Miami, Fla. by entertaining four foreign visitors during the month. These visitors were escorted through the park, taken on various trails shown points of interest and given a short boat ride in the Flamingo area.

On Wednesday, May 6, Mr. Howard Baker of the Washington Office and Mr. Elbert of the Southeast Regional Office inspected the work completed at Everglades, Fla. and the construction being done on the 7-Mile Tower.

Mr. Merle Stitt was in the park during the visit of Messrs. Baker and Cox and where feasible accompanied the group; at other times he was accompanied by the Superintendent.

Plans were formulated for a representative to attend the presentation in the Southeast Regional Office covering the revised Master Plan. Narratives to be submitted by the parks. The Superintendent determined it would be beneficial to have this representative continue to EODC in Philadelphia to go over park construction matters with engineers there. This would expedite going projects and eliminate extra expense.

Superintendent Joseph attended the formal dedication of the Aerojet-General plant on May 26, at the invitiation of the General Manager, Mr. Elmer E. Nelso

On May 22 Chief Park Ranger Robert J. Branges and Superintendent Joseph attend an open house of the FBI in their new quarters in the Federal Building in Miami.

Asst. Chief Naturalist Robert T. Haugen returned from the Stephen T. Mather Interpretive Training and Research Center and
Naturalist William M. Taylor returned from the Horace M. Albright Training Ce

Miscellaneous:
On Friday, May 29, Supervisory Fire Control Aid Francis X. Guardipee's wife, Mary Helen, presented him with an 8 lb. 4 oz. baby girl. The baby has been named Lisa Marie.

Ranger Richard L. Cunningham has recently become the editor for the Florida Region of the Audubon Field Notes.

Administration

Management Analysis: Mr. Elsey of the Washington Office conducted the close out of the audit with Superintendent Joseph and members of the staff on May 22. A report will follow.

Personnel: Accessions:
Ford, Adelia B. was reinstated (Career-conditional) as Clerk (DMT) GS-316-3, effective 5/14.
Separations:
ALSTON, Lawrence E. resigned from the position of Operator General (L.D.) Ungraded effective 5/9.
Changes:
ALEXANDER, William M. was converted to Career Appointment as Supervisory Civil Engineer (Gen), GS-810-9 effective 5/1.
ADSIDE, Claude E. was promoted from Caretaker, ungraded to Operator General (LD) effective 5/10.
MENDLEN, Ruth L. was promoted from Park Guide, GS-090-4 to Park Guide, GS-090-5 effective 5/17.
WALDEN, Carl L., Jr. was promoted from Caretaker, Ungraded to Operator General effective 5/31.

Safety and Health: The U. S. Public Health Service, in connection with a study on mosquito borne viruses, took blood samples from 56 park employees. It is felt that our personnel have a maximum exposure to mosquitoes and would make an excellent source of information for their study. Similar studies have been conducted in the Big Cypress Swamp with the Seminole Indians and in the Tampa-St. Petersburg area.

A small plane was forced down in the Snake Bight area of Florida Bay. The pilot was uninjured and walked to the Park road for help. The same day, another plane going down to view the landing saw what he thought was a level, dry area and attempted to land. The landing was successful, however, immediately upon stopping he sank into the mud. Both planes were removed later in the week.

Conservation, Interpretation & Use

Interpretive Facilities: Overall visitor contacts of 76,598 were only about half of last month's total. Evening programs at Flamingo were continued nightly with light visitor attendance. Morning walks there, scheduled for Saturday, Sunday and Wednesday showed an increase of 78 people over April. There was an increase also in special groups, mainly school groups on field trips, over last month. On May 15 and 16 the portable exhibit was used at the Family Camping Clinic at Owaissa Bauer.

Mr. and Mrs. Libro Querio presented the park with some of Guy Bradley's possessions. Mrs. Querio is Guy Bradley's daughter-in-law. Mrs. Querio was married to Ellis Lewis Bradley, son of Guy Bradley.

Interpretive Services: Naturalist Mrazek began a study of the plant ecology and plant succession of the recently formed spoil bank offshore from the Flamingo campground. He and Ranger Cunningham made two trips to study the ecology of the area and to census the Least Tern and Wilson's Plover population.

Naturalist Sloane began a study of possible trails in the Flamingo area. He submitted plans for a trail on Christian Point to Snake Bight.

Ranger Cunningham is revising the Park Bird Checklist to be published as a separate for Park Visitors and in serial form in an ornithological publication.

Naturalist Sloane began a study of beach erosion at Cape Sable and made trips to the Cape with Ranger Holden to begin staking and other preliminary work.

The project for protection from predation of the loggerhead turtle nests was started during the month, with many of the park staff spending hours on the Cape Sable beach most evenings. Records will be kept on the effectiveness of various repellents and methods of protection.

Research and Observation: Three adult flamingoes have been observed in the litt pond in front of the West Lake Visitor Center. This is the first time since 1947 or 48 that a flamingo has been seen in this particular area.

Rangers Cunningham and Holden observed two adult and one sub-adult American flamingoes flying by heading towards Snake Bight. These three birds are apparen the first observed in the park since October 1963.

Ranger Holden assisted Cunningham in bird banding operations. However, of over 100 previously counted tern nests with eggs the week before, no intact nests or eggs could be found on May 20. Eggs that could be found were broken, and a ground predator, possibly the raccoon, was suspected. Three young Wilson's Plover were banded.

The Annual Bird Banding of the sooty and noddy terns at Fort Jefferson National Monument began on May 8 when a party left Key West aboard the Park Service boat. The group banded over 2,700 birds during their stay.

Protection: Ranger personnel participated in three routine boat rescues during the month. With the rise in the water table, airboat activity in the Hole-in-th Doughnut area has increased. Twelve permits were issued to transport these vehicles on the park road to areas of launching in the Lower Madeira Ditch country. With the closing of access across Aerojet land, it is anticipated more and more airboats will be transported through the park to this area. Permits fo airboats, glades buggies, and firearms are issued to those entering the private lands. It is anticipated this increased work load will continue and be extremel high during the fall hunting season.

The finding of one dead alligator in the Royal Palm area instigated all-night patrols by Ranger personnel, in an attempt to catch any persons molesting or killing wildlife in this area.

Patrol mileage was as follows: motor vehicle 19,156; glades buggy 94; boat 2,500; aircraft 8,000; TOTAL 28,750.

Fire Protection: One campfire permit was issued to a Boy Scout group using their campground which is located in the Hole-in-the-Doughnut area.

A new ramp truck has been placed in service and now hauls Fire Unit #1.

The new Fire Cache was accepted from the contractor on May 22. Fire equipment which had been stored in various locations during construction is now being moved into the new facility.

Park personnel suppressed two fires during the month. A summary of these fires which occurred in the Protective Zone follows:

May 10 Mowry Street Fire, Class C, 550 acres. Did not enter Park lands
May 21 Taylor Slough Fire, Class A, approximately 7 acres.

Building Fire Inspection: The Annual Building Fire Hazard inspection was conducted. All Park Service buildings and concession buildings and facilities have been given their inspection.

Sanitation: Interim approval for the use of "fogging" in the control of mosquitoes on interpretive trails and in the Flamingo area was received.

The cross-connection between the concessioner's power plant and the Park's fresh water system was eliminated this month. A positive break in the water service line between the potable supply and the concessioner's plant was provided by installing a storage tank and hydro-pneumatic pressure system.

An inspection of the Wild Cotton Eradication Project Camp operated by the USDA was made by the Superintendent and the area was found to be in good condition.

Wildlife and Fish Cultural Activities: With the increase of surface water levels in the park, wildlife is fast spreading out over the glades. The heavy concentration of gators during the winter at the Anhinga Trail has dropped to one or two. Protection personnel are cooperating with the park interpreters in studying the protection of loggerhead turtles which nest on the Cape Sable beaches during May, June and July. Ranger Max Holden has been assigned to this project and is marking each turtle nest. One night patrol was highly successful in actually observing a turtle laying eggs. Rangers obtained pictures of a raccoon removing eggs as fast as the female laid them.

Concessioners: The Superintendent and the Park Engineer went to Flamingo to confer, on the spot, with the President of the Everglades Park Co., Inc., regarding the proposed low-cost housing to be constructed by the concessioner.

Resource Planning

Water Resources: A meeting was held at Park headquarters with the Corps of Engineers including Mr. Eugene W. Webber, Chief, Civilian Advisor for Civil Works, Chief of Engineers, Colonels James Taylor, Jr., and Robert C. Pfeil. At the same time these people were meeting with the Superintendent and other staff members Mr. Steve Trumbull, feature writer for the Miami Herald, Miami, Fla., was in park headquarters and talked with the representatives of the Corps.

Colonel Parfitt, Corps of Engineers, Jacksonville requested Superintendent Joseph to present a talk on Everglades National Park to the American Society of Military Engineers on June 9. Mr. Joseph accepted this invitation.

On May 14, the Superintendent and Hydraulic Engineer attended a meeting of the Central and Southern Florida Flood Control District at Fort Pierce regarding the

water problem here in Everglades. The Flood Control District appears to be cooperative.

Discussions were held regarding the necessity of Special Use Permits for the Co of Engineers to make certain studies within the Park regarding the water proble It was the concesus that one man from the Corps should be assigned to spend som time here and become familiar with the Park area and he should then be responsi for Corps action upon initiation of any actual surveys.

Cooperation with other Federal, State, or Local Agencies: Messrs. Stitt, Cox, Baker, Joseph, Burroughs, Branges, Robertson and Maxwell as well as members of other government agencies attended a U. S. Public Health Service meeting in Mia on May 7. This covered the work of the Virus Laboratory of the Communicable Disease Center on encephalitis, mosquito control, pesticides and related fields A follow-up of previous mosquito work was done inthe Park by Dr. Telford H. Wor and serology tests were run on 56 park employees who have lived for a period of time in a mosquito infested area. Dr. Work will submit a report of his finding

A Department of Justice and an insurance representative were flown to Fort Jefferson in the Park aircraft to view the damage to the beaches, islands and Fort from the oil spill by the vessel Brother George, prior to prosecution of the case. The park supplied additional reports, pictures, and other requested material to the Justice Department for use in this case.

On May 19 Mr. John A. Stewart of the FHA, Lake Worth, Florida and the Iori brothers, Homestead, Fla. conferred with Superintendent Joseph regarding the lea of the land the Iori brothers have previously farmed in the Hole-in-the-Doughnut After reveiwing the status of these lands with Mr. Stewart, and conferring with the Region by telephone, it was determined that Iori's should be permitted to continue to lease for the coming agricultural season of 1964-5 on the basis that should lands become available for the Park, the lease would then be cancelled a the end of the season.

Public Affairs

General Publicity: On May 4 the Superintendent spoke to the Zoological Society of Florida on the Water Problems of Everglades National Park, its future, and at the request of the organization devoted a part of his time to presenting Big Bend National Park, Texas.

On May 14 he presented the first of a series of "live" talks on the park over Television station WINK, the local channel, at Fort Myers, Fla. These will continue through August on a monthly basis with various staff members appearing presenting difference facets of the park during the summer months.

Public Relations: Superintendent Joseph was host for several days to Monroe Bu Vice President of the Old Dominion Foundation, 1729 H Street, Washington, D. C. During his time spent in the Park Mr. Bush appeared very interested in the research work which could be done here.

On Monday, May 18, Mr. and Mrs. Edward C. Snell of Pompano Beach, Florida celebrated their sixtieth wedding anniversary by a trip into the park. They remained overnight at Flamingo and the concessioner arranged a complimentary anniversary cake for these active octogenarians. The Snells are friends of for Director Wirth.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Preliminary arrangements were made this month for the location survey for electrical power service to the military installation in the Hole-in-the-Donut (private lands) at Everglades.

The Park forces completed the survey for replacement of boundary markers at the Gulf Coast District. Additional boundary surveys will be undertaken shortly to mark the revised boundary at Chokoloskee Island.

New Construction

Preliminary plans were approved for the Concessioner's Low Cost Overnight Accommodations (24 units) and Employees Recreation Building at Flamingo. Construction will begin shortly.

The APW project, Fire Cache, Pine Island has been completed to the entire satisfaction of the Ranger Division.

The Day Labor Projects at Fort Jefferson National Monument show normal progress partly because the work crew has remained at full strength and because of favorable weather.

The construction of APW Project, Shark Valley Observation-Fire Tower is satisfactory and the progress normal. There are problems, however, with the acceptability of portions of the sub-base road fill and job progress of the associated APW project, Shark Valley Loop Road. Conferences and negotiations with the contractor, Harris Paving and Construction Company, Miami, Florida will continue until project differences between the contractor and the Service are resolved.

The Utilities and Paving Project, Flamingo Campground (185 camping sites) is on schedule with a completion date of June 19. The contractor, Waters and Stewart, Inc., expect to complete the job on time.

Utilities

Renegotiations are underway with city officials of Everglades, Florida for authority to construct a water main for future Service developments across city and state right-of-way from city service to the NPS ranger station site.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) May 196

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
196[illegible]	B-15-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Refuse Containers, Drinking Fountains, Garbage Cans, Grading, Leveling and Planting	B-127 B-70	3302 3/63	435 1/8/61 13,800 5/24/63 54,843 7/2/62	C A DL	Dec 61 Jun 64	90	D&C and P Planting plans not complete.
196[illegible]	B-27-EVER Flamingo Campground Development Including Trailer Facilities, Loops B and D Including Comfort Hall (43) Construct Utilities (water & sewage) Housekeeping Cabins, 36 Units, 12 Structures (03)	B-72 B-73 B-74 B-75 B-76 B-77 B-78 B-79 B-80 B-81 B-82 B-83 B-84 B-85 B-86 B-87 B-88 B-89 B-90 B-91 B-92 B-93 B-94	3300a 12/63 3296 12/63 3298 12/63 3299 12/63 3297 12/63 3295 12/63 3294 12/63 3293 12/63 3292 12/63 3291 12/63 3290 12/63 3289 12/63 3288 12/63 3287 12/63 3286 12/63 3285 12/63 3284 12/63 3283 12/63 3282 12/63 3281 12/63 3280 12/63 3279 12/63 3278 12/63 3277 12/63 3276 12/63 3275 12/63 3274 12/63 3273 12/63 3272 12/63 3271 12/63 3270 12/63 3269 12/63 3268 12/63 3267 12/63 3266 12/63 3265 12/63 3264 12/63 3263 12/63 3262 12/63 3261 12/63 3260 12/63 3259 12/63 3258 12/63 3257 12/63 3256 12/63 3255 12/63 3254 12/63 3253 12/63 3252 12/63 3251 12/63 3250 12/63 3249 12/63 3248 12/63 3247 12/63 3246 12/63 3245 12/63 3244 12/63 3243 12/63 3242 12/63 3241 12/63 3240 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12/63 1965 12/63 1964 12/63 1963 12/63 1962 12/63 1961 12/63 1960 12/63 1959 12/63 1958 12/63 1957 12/63 1956 12/63 1955 12/63 1954 12/63 1953 12/63 1952 12/63 1951 12/63 1950 12/63 1949 12/63 1948 12/63 1947 12/63 1946 12/63 1945 12/63 1944 12/63 1943 12/63 1942 12/63 1941 12/63 1940 12/63 1939 12/63 1938 12/63 1937 12/63 1936 12/63 1935 12/63 1934 12/63 1933 12/63 1932 12/63 1931 12/63 1930 12/63 1929 12/63 1928 12/63 1927 12/63 1926 12/63 1925 12/63 1924 12/63 1923 12/63 1922 12/63 1921 12/63 1920 12/63

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) May 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-37-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500	C	Mar 63	95	P. Awaiting final plans for tank and drain field installation not complete
1964	B-37-EVER Provide and Install Mobile Home Trailer and Utilities, Tamiami Ranger Station (64)	B-153		6,000 1/13/64 2,300	C	Feb 64 Sept 64	5	P. Purchase Order #11-373 in amt. of $3,313.30 issued to GSA for Mobile Home. B-37-EVER (Rev. #1) issued to provide funds in amount of $2,300.00 for utilities connections (water, sewer and electrical power), and cabana porch. Cabana porch deleted by memo dated Apr. 16, 1964 from [illegible].
1964	B-37-EVER Buy Large Flag Pole Installation	B-144		995 3/6/64	C	May 64 June 64	10	P. Purchase Order #14-466 in amt. of $995.00 issued to H. S. Dunham & Son 620 Perrine Ave., Perrine, Fla. to furnish and install Flagpole. Starting date: May 15, 1964. Completion date: June 15, 1964.
1964	Purchase Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	B-142	3234 2/64	Est. 10,600 3/10/63	C	July 64 Sept 64	0	[illegible] Project to be advertised in June 196

MONTHLY PROGRESS REPORT

Area Everglades National Park

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REPORT FOR (Month and year) May 1964

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1963	B-13-EVER Park General Signs (TI) Regulatory and Information (45)	B-11A		3,200 12/12/62	DL	Jan 63 July 64	50	P.
	B-14-EVER							NOTE:
1963	Circulatory roads and Parking, Flamingo Campground	B-2L B-4A	Junior 11/63	60,000 8/1/63	C	Jan 63 Oct 64	55	Contract (14-10-0111-213, Peters and Stewart, Inc., orig. amt. of contract $231,231.42 (See B-27-EVER for balance of funds.)
1963	Flamingo: Construct Roads, Parking Area and Walks for Concessioner	B-10C B-10G	3236 Rev 11/63	80,000 3/20/63				
	Housekeeping Cabins (62)	B-21J	3236A	TBP				
1964	Construct Roads, Parking Area and Walks for Concessioner Hotel Units (64)		11/63 3236J 11/63	3/4/63 117,315 2/4/64 32,000 3/4/64 WD 4/20/64				Program Adjustment, Regional Office (RAM-2) approved 4/21/64: Current Program - $135,000.00 Increase - 32,000.00 Adjusted Program - $167,000.00
1963	B-27-EVER Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	B-9B		2,500 2/20/64	DL	Feb 64 July 64	30	P. Signs being prepared.

Area Fort Jefferson National Monument

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REPORT FOR (Month and year) May 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	B-24-EVER Rebuild Historic Walks and Moat Bridge	R-1-1	2003 1/1939	14,000 3/26/62	DL	Apr 62 May 64	100	P.
1962	B-28-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 July 65	30	P. Purchase Order No. 11-442 in amt. of $625.00 issued to Gregory General Farms for fertilizer. Purchase Order No. 11-466 in amt. of $148.00 issued to Hector Supply Co. for grass seed.
B-34-EVER 1964	Repair and Repoint Fort Walls of Casemates and General Cleanup (Por.)	M-27	2003 1/1939	42,500 11/4/63 2/27/64	DL	Jan 64 May 65	30	P. and D&C
1962	Garden Key: Construct New Water System	U-15-1	Re	Est. 60,000 8/24/61 60,000 1/8/63	C	Jan 66 Jan 67	0	D&C Plans not complete

Area Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): May 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom, 1 - 3-bedroom	B-16-1		Est. 102,000 8/24/61 Re 80,000 3/9/62 Re 8,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key, Construct Sewage Disposal	U-16-1		Est. 8,600 8/24/61 Re 8,600 3/21/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Provide and Install Communication System	M-30		Est. 14,500 10/4/62 Re 8,500 8/19/63 Re 3,000 11/7/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 8,300 10/4/62 Re 6,000 12/20/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

ACCELERATED PUBLIC WORKS

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): May 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	APW-64-2-EVER Construct Fire Lookout Tower 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134	3231 1/1964	104,300 10/29/64 Re 7,180 1/31/64	C	Nov 63 Oct 64	42	D&C Contract #14-10-0111-215, Avant Construction Co., orig. amt. of contract $90,400.
1964	APW-64-3-EVER Construct Fire Cache, Pine Island (with utilities)	B-101	3232A 1/1964	55,000 12/20/63 Re 6,460 1/31/64	C	Feb 64 May 64	100	D&C Contract #14-10-0111-216, Batchelor Construction Co., orig. amt. of contract $46,040. Final Inspection was made May 22, 1964, and Letter of Acceptance issued May 26, 1964.
1964	APW-64-4-EVER Construct Road to Seven Mile Fire Tower	R-34-1	3234	239,566 1/31/64 12,048 1/31/64	C	Feb 64 Sept 64	16	D&C Contract #14-10-0111-214, Harris Paving and Construction Co., orig. amt. of contract $238,565.75.

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

JULY 1964

General

ther Conditions: July was hot and humid with temperatures in the low 90's
t days. Rainfall varied throughout the Park with Everglades recording 9.25
nes, while Flamingo had only 3.13 inches. The water in Taylor Slough rose
ghtly with a reading of 4.30 feet compared with 4.23 feet on the last day of
e this year. This gauge stood at 3.80 on the last day of July 1963.

rease in Travel: Visitation has again started its upward climb. A total of
021 people entered the Park representing an increase of seven percent over
r one year ago. The figure for the first seven months of 1964 shows an
rease over a like period for the preceeding year, of 20 percent.

of the Park campgrounds this month showed a decrease of 71 percent under
of last year; however, cumulative figures for the first seven months of the
show an increase of 31,907 campers, or approximately 71 percent.

of the Flamingo concessioner accommodations showed only a slight increase
that for the same period last year.

tors: Forty-seven of the 50 states were represented in the July visitation to
Park. Also represented were five Canadian provinces, Puerto Rico, Panama
l Zone and the following foreign countries: Japan, Australia, Israel,
osa, Mexico, Italy, Hungary, Trinidad, Belgium, United Kingdom, Brazil, Spain
en, Kenya, Russia, Norway, France, New Zealand, and Switzerland.

ial Activities: Members of the Ranger Division availed themselves of the
lities of Dade County Civil Defense and attended an 8-hour course given on
ological monitoring. This is the second such course given by the County in
h Park employees have participated.

Administration

onnel: Accession: Ruben P. Naseth was given a Career Conditional appoint-
, Fire Control Aid GS-456-4 effective 7/15/64.

ty and Health: First aid was administered to a contractor employee who
e his leg on the job; the man was taken to the hospital in Homestead, Fla.

Conservation, Interpretation and Use

rpretive Facilities: Chief Park Naturalist Christensen and Naturalist Zimmer
t several days at Fort Jefferson NM inspecting interpretive facilities and
ning for future additional facilities and exhibits.

terpretive Services: Total visitor contacts for the month were slightly high- an previously because of the estimated contacts from a T.V. program given on NK at Fort Myers, Florida. Total visitor contacts for the month were estimated be 96,919. Off-site program condtinued to be given by members of the staff and n special groups came to the Visitor Center and Royal Palm. Forty science achers studying plant ecology under a National Science Grant at the University South Florida made their second annual field trip to the Park. They were companied by Collaborator Dr. F. C. Craighead and Naturalist Mrazek. A special at-a-Cade was given to a group by personnel in the Gulf Coast District. This nsisted of a Ranger led 100-mile trip through the 10,000 Islands area. Park nger Morgan interpreted the Park to biology teachers on a concession operated at tour. Dr. Craighead's "Orchids and Other Airplants"is now on sale by the erglades Natural History Association.

search and Observation: The number of birds using the Chokoloskee Roost was ill increasing at the end of the month. Rangers in the District estimate that ,000 birds were using the island nightly as a roost. Asst. Chief Naturalist ugen went to this roost and believes it is, without a doubt, the finest bird ow we can offer the summer visitor.

te in the month, a new roost was observed from the south side of First Lostmans y. It consisted of white ibis, snowy egrets and a scattering of other birds re also noted. No definite estimate of the size of this concentration has bee- de. It is believed that some of these birds may be part of the old Duck Rock ights.

sting activities of Loggerhead turtles declined in July. Very few new nests re discovered on the Cape Sable beaches.

ite-crowned pigeons became more numerous, and were often observed along the wer coast around Flamingo.

otection: Night patrols, particularly in the Gulf Coast District, were con- nued. Many contacts with commercial and sports fishermen have been made and is felt that although apprehension of poachers has not been accomplished, ese contacts are proving extremely beneficial. Airboat patrols in the headwater gions of Lostmans, Rodgers and Shark Rivers, and in lower Taylor Slough have en increased as the water levels permit. Little illegal trespass has been ted in these areas. A citation to appear before the U. S. Commissioner was sued to a boat owner for having improper lights on his vessel. The case had gone to trial by the end of the month.

gers on night road patrol in the Glades District stopped a pick-up truck in ch two men were riding. They had observed the truck being driven in a spicious manner for some distance. When stopped the individuals stated they e just "riding around in the area looking for wildlife." After the vehicle t, Rangers found two guns along the side of the road - one a .30 cal. carbine, other a .12 gauge shotgun. Both firearms were placed with other Lost and nd items.

rol mileage for the month for vehicles, boats, glades buggies, airboats and Park aircraft totalled 13,647 miles.

lding Fire Protection: A new fire truck was received and placed in operation the Glades District. The truck previously assigned to the Glades District will be assigned to Flamingo and the Flamingo fire truck will be retired.

Wildlife and Fish Cultural Activities: Two attempts to remove crocodiles from private land were made during the month. The idea was that these rare animals could be placed in the Park for protection. Both attempts were unsuccessful.

Concessioners: The boat concessioner at Everglades, Fla. reported a decrease in persons carried on his trips. A total of 802 persons were carried this year whereas a total of 1,790 persons were passengers on these boats in 1963.

Less than one percent increase was reported by the concessioner at Flamingo for June.

Resource Planning

Water Resources: The gates in Structure 12-D of the Central and Southern Florida Flood Control District, along the Tamiami Trail were closed during part of the month of June.

Cooperation with Other Federal, State or Local Agencies: Representatives from the U. S. Geological Survey, University of Miami Marine Laboratory, U. S. Public Health Service, U. S. Coast Guard, Dade County Civil Defense, U. S. Voice of America, and U. S. Fish and Wildlife Service were in the Park on various projects during the month. Assistance was provided as necessary by Ranger personnel

DESIGN AND CONSTRUCTION

Plans, Maps, and Surveys

Natural History Base maps, a part of the Master Plan, are now being prepared by the Naturalist Staff at Everglades.

New Construction

The Flamingo Campground Expansion contract for Road, Utilities, Comfort Stations and Parking Areas is now complete. Mr. Bill Thorn, Project Supervisor for this important work has returned to EODC after completing the job.

The Concessioner Low Cost Overnight Accommodations (Flamingo cottages) are nearing completion. Recent design changes, L. P. Gas to electrical power, have accelerated progress.

The project, Install Sprinkler System, for the Parachue Key Visitor Center-Headquarters Building is now underway. According to the Contractor, Harold G. Jaffer of Miami, Florida, the work will be completed in September, cost $10,523.

Utilities

An additional sanitary sewage disposal system, a part of the Flamingo Campground Expansion, has been placed into operation. This facility will relieve excess loading on our present sewage disposal system at Flamingo.

Conferences and Meetings

Associate Director Clark Stratton visited the Accelerated Public Works Projects along the Tamiami Trail and other Everglades areas this month.

Mr. Mike Rumbiatis, Area Coordinator of EODC, participated in the Final Inspection of the Flamingo Campground Expansion Project along with Park Staff members.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C), (R), OR (A) 9
961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-122 M-7[illegible] M-88	3222 Mar 63	435 1/8/61 13,802 5/24/61 24,043 2/2/62	C & DL	Dec 61 Dec 64	90	D&C and P. Planting plans not complete. Unobligated balance of funds, Day Labor Portion: $500.00
963	B-27-EVER Flamingo: Campground Development Including Trailer Facilities, Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U-71 U-72 U-73 U-74 U-79 U-81 M-139 M-140 M-147 M-129-1 M-132-1	3220A 11/63 3236 11/63 3228A 11/63 3224A 6/63 3223A 11/63	107,063 2/1/63 20,000 3/22/63 6,229 6/6/63 55,688 6/26/63 41,517 6/28/63 2,203 1/13/64 1,600 1/21/64 120,204 2/10/64 300 3/25/64 475 4/21/64	C & DL	Jan 63 Aug 64	94	D&C Contract #14-10-0111-21[illegible], [illegible]sters and Stewart, Inc., orig. amt. of contract $232,348.42. (See R-14-EVER for balance of funds.) Stop Order issued July 17, 1964 due to adverse weather conditions. Resume Work Order issued July 19 changed completion date of contract from July 19 to July 22. Final Inspection was held July 22, and Letter of Acceptance issued July 24 accepting contract as 100% complete, as of July 22, 1964. Request for Release of Claims issued July 28. Final Estimate for Payment issued July 28. Unobligated balance of funds, Day Labor Portion: $1,500.

* GPO 1962 O - 645945

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500 2/7/63	C & DL	Mar 63 / Sept 64	99	P. Unobligated balance of funds $1313.3 held for relocation of trailers due to new residence construction.
1964	B-37-EVER Provide and Install House Trailer and Utilities, Taylor Ranger Station (64)	B-153		6,000 1/13/64 1,400 6/4/64	C & DL	Feb 64 / Sept 64	75	P. House trailer is in place and utility connections are underway. Unobligated balance of funds, Day Labor Portion: $350.24
1964	B-40-EVER Parachute Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	M-142	3238A Feb 64	10,523 6/30/64	C	Jul 64 / Oct 64	16	D&C Contract #14-10-0111-225 issued to low bidder Harold G. Jaffer, Inc. in amt. of $10,523 for Sprinkler System, Parachute Key. Notice to Proceed issued June 30. Notice of Beginning Date issued July 2. Beginning date of contract: July 2, 1964. Completion date of contract: October 29, 1964.

* GPO : 1962 O - 645045

GPO 941102

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY. (D & C), (R), OR (A) 9
1963	R-13-EVER Park General: Signs (77) Regulatory and Informational (63)	R-114		5,000 12/10/63	DL	Jan 63 Sept 64	98	P. Unobligated balance of funds, Day Labor Portion: $234.44
	R-14-EVER							D&C
1963	Circulatory Roads and Parking, Flamingo Campground	R-91 R-94	3220A 11/63	60,000 8/1/63	C	Jan 63 Oct 64	95	Contract #14-10-0111-218, Waters and Stewart, Inc., orig. amt. of contract $232,238.42. Contract 100% complete. (See B-27-EVER for balance of funds and information.)
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (61)	R-102 R-106 R-113	3236 Re 11/63 3220A	20,000 3/22/63 750				
1964	Construct Roads, Parking Area and Walks for Concessioner Motel Units (64)		11/63 3223A 11/63 Re	9/4/63 112,145 2/4/64 32,896 3/2/64 400 4/22/64				Unobligated funds: $32,900.00 Program Adjustment, Regional Office No. R64-13 approved 4/21/64.
1961	R-17-EVER Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	R-56		2,500 2/10/64	DL	Feb 64 Sept 64	30	P. Signs being prepared. Unobligated balance of funds, Day Labor Portion: $1,659.31

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	B-28-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sept 65	40	P. Unobligated balance of funds, Day Labor Portion $1,951
1964	B-34-EVER Repair and Repoint Fort Walls of Casemates and General Cleanup (Por.)	M-27	2003 1/1939	42,500 11/4/63	DL	Jan 64 May 65	30	P and D&C Unobligated balance of funds, Day Labor Portion: $230.00
1965	B-41-EVER Repair & Repointing Fort Walls and Casemates and General Cleanup	M-27-1 (Por.)	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	0	P and D&C Unobligated balance of funds, Day Labor Portion: $27,400
1962	Garden Key: Construct New Water System	U-15-1		Est. 60,000 8/24/61 Re 60,000 1/8/63	C	Jan 66 Jan 67	0	D&C Plans not complete
1962	Garden Key. Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom, 1 - 3-bedroom	B-16-1		Est. 102,000 8/24/61 Re 40,000 3/9/62 Re 8,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Garden Key: Construct Sewage Disposal System	U-16-1		Est. 8,600 8/24/61 Re 8,600 3/21/64	C	Jan 66 / Jan 67	0	D&C Plans not complete
1962	Garden Key: Provide and Install Communication System	M-30		Est. 14,500 10/4/62 Re 8,500 8/19/63 Re 3,000 11/7/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 8,300 10/4/62 Re 6,000 12/20/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park — ACCELERATED PUBLIC WORKS

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [X] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	AP-64-2-EVER Construct Fire Lookout Tower 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134	3231 1/64	104,300 10/29/64 7,100 1/31/64	C	Nov 63 Oct 64	66	D&C Contract #14-10-0111-215, Avunt Construct Co., orig. amt. of contract $90,400.
1964	AP-64-4-EVER Construct Road to Seven Mile Fire Tower	R-34-1	3234 12/63	239,565 1/31/64 12,048 1/31/64	C	Feb 64 Sept 64	24	D&C Contract #14-10-0111-214, Harris Paving and Construction Co., orig. amt. of contract $230,565.75. Stop Order dated July 17, 1964 suspended work for one day due to adverse weather conditions. Completion date of contract changed from September 13 to September 14.

Summary of the June 1954 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Seasonal rains 10 to 16 inches	1
Travel:	Decrease for month. Increase for year	1
Visitors:	Assoc Director A. Clark Stratton and many others	1
Special Activities:	Stratton family on tour of Park. National Geographic Soc. aided in snail article. Master Plan Conference attended by Chief Park Ranger. Open-house at new Fire Cache	2
Miscellaneous:	Chief Park Naturalist at Virgin Islands	2
ADMINISTRATION:	Mosquito season began in full force with rains Safety bulletins posted.	2
CONSERVATION, INTERPRETATION & USE:	Twelve exhibits received from the Museum Laboratory for installation on Anhinga & Gumbo Limbo Trails and West Lake Shelter	2
	Library of Congress cards ordered for library.	
	Art Olsen of WASO AV aided while on annual leave.	3
	Tern chick banding at Fort Jefferson a success. Turtle nesting on Cape Sable being observed. Hog released adjacent to Park. Poachers apprehended.	
RESOURCE PLANNING:	Chief Scientist and Aquatic Biologist, WASO here. Various meetings held and attended.	4
PUBLIC AFFAIRS:	Live TV broadcast on Park	5
	Davis of AEC visited Park regarding possible research work	
	30 Turkish school teachers given conducted tour.	
DESIGN AND CONSTRUCTION:	Flag pole erected Key Largo	6
	Lostmans R. Station repaired. Trailer placed at head of Shark River Engineer Gordon Cummings, SODC here for week.	

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

JUNE 1964

General

Weather Conditions: Temperatures were seasonable for the month. Unlike a year ago, rainfall exceeded the normal at all stations, ranging from over 10 inches to an excess of 16 inches, the latter at Key Largo. The Gulf Coast reported rain on 19 days. Several large water spouts were observed off Cape Sable. As a result of excessive rain flooded sewer pumps at the Flamingo Campground required the closing of the comfort stations for a short period on June 5.

Decrease in Travel: Seasonal slackening of visitation continued into June and, in fact, dipped 6 percent below travel recorded for a year ago. June visits totaled 46,636 bringing the total visits for the year to 462,000. This represents an increase of 23 percent over the previous year. Camping was down six percent in June, but total camping over the year has increased 76 percent. Concessioner rental of overnight accommodations increased 77 percent.

Visitors: Forty-six states were represented in the June visitors to the Park. Represented also were four of the Canadian provinces, Puerto Rico, and the following foreign countries: France, Morocco, Switzerland, Bermuda, Bahamas, Spain, Germany, Argentina, Australia, Japan, Scotland, Dominican Republic, England, Formosa, Turkey, Cuba, Estonia, Denmark, Sweden, Burma, Ireland, Colombia and the Philippines. The following individuals were aided in seeing the Park:
J. E. Clampett, Supv. Propellant Operations Group, Aerojet-General, Homestead, Fla.
Gordon Cummings, Engineer, EQDC
Mr. Murkami, Chief Planning Section, Tokyo daily newspaper, his 21-year old daughter and their interpretor, Mr. Matsumoto.
Dr. George Sprugel, Chief Scientist, NPS
J. J. Davis, Environmental Sciences Branch, Atomic Energy Commission, Washington, D.C.Mr. T. J. Conover, U. of Rhode Island, Kingston, R. I.
Dr. K. Elkmork, U. of Oslo, Norway
Dr. Barry Quinn, Westminster College, Salt Lake City, Utah
Newton Sikes, Pea Ridge Nat. Mil. Pk., Arkansas
Rolfe Eldridge and C. Russel Mason with a group of Turkish school teachers
Carl Gillen, Dist. Supv., Florida Parks Board
Dr. and Mrs. Hans Bossenbach, Swiss photographers, World Wildlife Federation
Art Olsen, Audio Visual Department, NPS, WASO
Jan Hartke, son of U. S. Senator from Indiana
Assoc. Director A. Clark Stratton accompanied by Mrs. Stratton and son Tim
Wilbert Roppel, Morris Dayne, Joe Kershaw, U. S. Corps of Engineers
State Forester C. H. Coulter and Judge Lucien Proby
Mr. O. L. Wallis, Chief Biologist, NPS, WASO

Administration

Personnel: Accessions: Kerns, William N. was given a Career-Conditional appointment as Caretaker, Ungraded, effective 6/22.

Separations: Girvin, Harold W. was separated from his Caretaker position, ungraded effective 6/20 for the purpose of accepting a transfer to the Bureau of Indian Affairs effective 6/21.

Changes: Jackson, Earl was returned to duty from LWOP as Foreman II (Maintenance) effective 6/1.
McKinney, Zeb V. was promoted from Park Ranger, GS-453-5 to Supervisory Park Ranger GS-453-7 effective 6/21.
Hite, Richard F. was given a temporary appointment as Laborer at Fort Jefferson effective 6/28.

Special Activities: Associate Director A. Clark Stratton and Mrs. Stratton, with their son Tim, arrived on Sunday, June 21. Mr. Stratton and Mr. Joseph inspected the 7-Mile Tower area on Monday. Enroute to Flamingo the party stopped at Royal Palm, and at Flamingo they were met by Everglades Park Co. President Robert B. Knight. The following day, accompanied by park personnel and Mr. Knight, the Strattons went on a boat trip to the Shark River, Whitewater Bay, etc., and spent the evening at Flamingo.

Robert J. Brunges, Chief Park Ranger attended a meeting in the Regional Office on the new Master Plan to be submitted by all parks. He continued to HODC where he conferred with designers regarding proposed construction of employee quarters at Flamingo and other items of construction in this park.

Ranger Lee B. Chamberlaine assisted the National Geographic Society in obtaining aerial pictures of snail hammocks for a snail article.

An open-house for the new Fire Cache building was conducted by District personnel for 59 visitors on June 11.

Miscellaneous: While on annual leave Chief Park Naturalist Ernst L. Christensen spent a week visiting Virgin Islands National Park.

Safety and Health: The mosquito season began in full force on June 15 making the use of some of the trails not too pleasant for visitors.

One inspection was made of the concessioner's rental skiffs and various safety bulletins were posted in the Flamingo area as part of the safety program of the District.

Conservation, Interpretation and Use

Interpretive Facilities: Twelve exhibits were received from the Museum Laboratory for installation on Anhinga and Gumbo Limbo Trails and the wayside shelter at Mahogany Hammock. The text and drawings for 73 metal photo labels have been completed and the plates ordered.

Naturalists Mrozek and Sloane have started the changing of the labels on the Mangrove self-guiding trail. These new signs permit reading from a greater distance from both the road and canal.

Twenty-seven volunteer workers, headed by Mrs. Hays of the Miami Public Library Tech. Division, plus volunteer worker Mrs. Carroll A. Burroughs and Mrs. Beverly Rusell of the Naturalist Division spent a Sunday preparing order slips for Library of Congress cards for the publications in the Park library. Completion of this project will make the library much more useable and easier to manage.

Mr. Art Olsen of the Washington Audio Visual Laboratory visited the park on his annual leave. He took about two and one-half hours of his time to clean and adjust the Bogen units that run the Visitor Center slide program.

Interpretive Services: Two Boat-a-Cades at Flamingo and one at Everglades were conducted and this activity was suspended until December.

Total visitor contacts for this month were 106,709.

Research and Observation: The tern chick banding party went to the Fort during the month, and reported success in this important annual expedition.

Several night trips have been made to the Cape Sable area to check on the turtle nesting. Again this year raccoons have destroyed many of the nests. Loggerhead turtles are nesting at Highland and Lostmans as well as Cape Sable.

Six glossy ibis were observed north of the Flamingo service station and eight white pelicans observed on Clam Key during June. It has been common to see from 25 to 30 deer along the Shark Valley Loop Road and Tower site.

Sub-district Ranger Erwin Winte and Collaborator Archie Jones continued on the snail research project during the month.

Two neighbors of the Park along the Tamiami Trail have made hog releases during the past several months, the information just becoming available. The total released is 48, and is a matter of concern to the Park.

Protection: Three boat rescues were made by Mangrove District personnel and a step-up in the checking of sport fishermen's catches implemented with very few violations being found.

In the Gulf Coast District exceptional effort has been made during night hours to apprehend poachers bent on illegal capture of turtles and alligators. Several stops were made and one case is pending. Other cases either lacked evidence or lesser charges were made against individuals before taking to Commissioner. Evidence in the form of alligator carcasses and the unusual activities of past poachers lead rangers in the district to believe that sub-rosa activities are at their height at this time. The Chokoloskee Bay bird roost was "shot up" on one occasion and the "underground" information is that approximately 50 birds were recovered and illegally sold in the local black market.

Improved water conditions permitted Rangers to make an airboat trip into the Taylor Slough and Madeira Ditch areas in connection with the power line survey for the new missile site in the Hole-in-the-Donut.

Approximately one mile along the north side of the Hole-in-the-Donut and three miles of the central east boundary were posted during the month.

One court case was held in connection with a Gulf Coast incident involving illegal possession of snook and improper boat numbering. Violators were found not guilty on the boat charge, but guilty of possession of snook. Sentence was suspended.

Evidence in one case of turtle poaching has been sent to the FBI Laboratory in Washington, D. C. for processing after which it will be decided how to proceed further. The incident occurred at Highland Beach. The persons involved were apprehended by Rangers Carlson and Markette between the hours of 2 and 3 a.m.

Patrol mileage for all types of vehicles for the month totaled 22,346 miles.

Forest Fire Protection: On June 13 Fire Control Aid Guardipee attended a demonstration program of the new Trackmaster and Spryte equipment produced by the Thiokol Corporation.

State Forester C. H. Coulter, accompanied by Fire Lookout Ober Spivey of the Princeton Tower, were given a tour of the new Fire Cache and an equipment demonstration on June 19.

Building Fire Protection: A Royal Palm subdistrict fire drill was held to gain further information for the revision of the building fire plan.

Follow-up inspections on the Annual Building Fire Inspection indicated that most hazards had been corrected.

Wildlife and Fish Cultural Activities: In the Cape Sable subdistrict, Ranger Holden continued his nesting studies of the Loggerhead turtles on Cape Sable. Some interesting information has been gathered to date.

Concessioners: Mr. Robert S. Leding, Chief, Concessions Management, Southeastern Regional Office spent several days in the park. He was accompanied by Supt. Joseph when time permitted. He familiarized himself with the operations of the Everglades Park Co., Inc., at Flamingo with the aid of the Mangrove District Ranger. He went to Fort Jefferson and Key West also.

Mr. John Greene and Captain Chester Flancher, interested in operating a boat tour from Islamorada, Florida to Flamingo in Everglades National Park visited the Superintendent. They had, upon the request of Mr. Joseph, contacted the Everglades Park Co., Inc., regarding operating into the area under their contract, and felt they met this and other requirements outlined by letter replying to their original inquiry. They are to submit detailed data for consideration.

On June 3, Rangers Maxwell and Whitehouse conducted the Annual Everglades Park Co., Inc. rate survey. Construction of the efficiency housing units is progressing at a satisfactory rate with the wall frames being erected at the end of the month.

At Everglades, Florida the concession boat tours there showed a decrease of eight persons in June over last year, with 704 visitors taking the tours.

Resource Planning

Water Resources: On Monday, June 15, the Superintendent met Dr. George Sprugel and Mr. O. L. Wallis at the Annual Meeting of the American Society of Limnology and Oceanography at Miami Beach. Earlier in the day the Superintendent and Mr. R. S. Leding of the Regional Office met with Mr. Ed Keys of the Tourist and Convention Council of the Miami-Dade County Chamber of Commerce. The following day, accompanied by Mr. Frank Nix, Hydraulic Engineer, a meeting was held at the Institute of Marine Science, U. of Miami, to discuss the Tabb report and estuarine ecology in the Park.

The digging of the well, under contract to USGS, for possible flow into Taylor Slough during the dry season was begun on June 24. USGS personnel will check the flow and its effect on ecology before it is directed into the slough. During the drilling operation pieces of the original corduroy road to Flamingo were excavated and retained.

On Tuesday evening, June 9, Superintendent Joseph talked on the Park to the American Society of Military Engineers in Jacksonville, Florida. From there he went on to Tallahassee to meet with State officials regarding the water situation in Everglades National Park.

The Superintendent attended the monthly meeting of the Flood Control District which was held on Friday, June 12, in West Palm Beach while enroute from Tallahassee to Everglades.

Mr. Riley S. Miles, Chairman of the Central and Southern Florida Flood Control District spent a day in the Park. He was given a flight over the area, as well as a guided tour of the trails.

Mr. Bayne of the Corps of Engineers met with Hydraulic Engineer Nix regarding the care to be taken to prevent unnecessary damge to park vegetation during the drilling of the exploratory artesian wells just outside the Park boundaries to be accomplished by the Corps.

Cooperation with Other Federal, State or Local Agencies: The weekend of June 19 a group of Navy personnel and their families visited Fort Jefferson National Monument using one of the Navy vessels for transportation.

Public Affairs

General Publicity: The second of the talks in cooperation with the USDA was given over WINK, local TV channel at Fort Myers, Florida by Chief Park Naturalist Christensen and District Ranger Stokes.

Public Relations: Mr. J. J. Davis of the Washington Office of the Atomic Energy Commission and Mr. John T. Conover of the U. of Rhode Island, Kingston, R. I., were flown over the Park. Both are interested in possible research work which could be conducted in this area. Mr. Conover's interest stemmed from the attendance of Superintendent Joseph and Dr. William B. Robertson, Jr. at a session (on June 16) of the Limnologist and Oceanographers Convention held at the Carillon Hotel on Miami Beach. Dr. Sprugel and Mr. Wallis also attended this meeting.

Superintendent Joseph and several members of the staff, the Maintenance Section, and Ranger Services Division attended an inspection and luncheon at a missile site located just outside the Park boundary. This was at the invitation of the Commanding Officer at the site.

State Forester C. H. Coulter and Judge Lucien Proby of Tallahassee, Florida visited Everglades National Park and Fort Jefferson National Monument the weekend of June 16. They were flown to and from the Fort. Dr. K. L. Pellicer had planned to accompany Mr. Coulter, but at the last moment was unable to do so.

Dr. K. Elgmork of the U. of Oslo, Norway, now a graduate student at Yale U. and Dr. Barry Quinn, Westminster College, Salt Lake City, Utah spent a day in the Park.

Ranger Robert E. Bent conducted a Park tour for 30 school teachers from Burl on June 15 and on June 19 for a State Department Reception Center group which included D. K. Magnork of Norway, in addition to others.

Design and Construction

New Construction: A 35-foot flag pole was installed at the Key Largo Ranger Station.

The Flamingo utility area was surfaced with an oil and gravel treatment. Road in the campground extension were surfaced and progress is visible.

Final plans have been made for the remaining campground registration boards and orders placed with the sign maker.

The Maintenance Division sent three men to Lostman's station for four days and repaired the station and dock. The dock was raised, the roof repaired and the water tank repainted.

The trailer pad at the head of the Shark Valley Loop Road was improved by the addition of a septic tank and leach field and the well was drilled in preparat for development of a water supply. A new house trailer was received early in the month and temporarily placed at the site for hook-up next month.

Conferences and Meetings: Engineer Cummings of EODC spent a week in the Park working with the Superintendent, the Park Engineer, and the contractors repre-sentatives on construction projects in the 7-mile Tower area and other enginee matters.

Meetings were held with the Harris Paving Company as their job under contract was 18 percent completed at the expiration of 49 percent of the allotted cont time.

MAJOR NEW CONSTRUCTION

Plans, Maps and Surveys: The Corps of Engineers has begun field work for the study of Everglades National Park water supply along the northern boundary of the Park from 40-Mile Bend to within about eight miles of Everglades, Florida. This will include location of a line 2[illegible] feet outside the Park, along which core borings will be made to determine the character and relative permeability of the underlying strata and the estimated yield of any aquifers penetrated.

New Construction: Final working drawings for the Concessioner's (Flamingo) L. P. Gas Dispensing Station and Storage and Distribution System have not, as yet, been presented for approval. Construction continues, however, on the twelve duplex Low Cost Housing units.

The Waters and Stewart, Inc., contract for providing three camping loops (185 sites), utilities, and paving and utilities for the concessioner development has been extended 30 days. The completion date is now July 15.

Utilities: The City Council of Everglades, Florida has authorized the construction of a water utility main across city right-of-way to the NPS developed site at the Boat Basin. State of Florida rights-of-way must now be obtained for other portions of the project.

Conferences and Meetings: Mr. Gordon Cummings, Civil Engineer, SEDC visited Everglades and Fort Jefferson National Monument accompanied by Park staff members to obtain data for FY 1965 and FY 1966 Construction Projects.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): June 19[illegible]

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
19[illegible]	B-14-[illegible]							
	Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-127 M-73 M-50	[illegible] 1/100	435 1,851 11,000 2,034 14,285 2,563	C L DL	Dec 61 Dec 64	90	BAC and P. Planting plans not complete. Unobligated balance of funds, Day Labor Portion: $500.00
19[illegible]	B-67-[illegible]							BAF
	Flamingo Campground Development Including Trailer Facilities, Loops 2 and 3 Including Comfort Hill (41)	B-71 B-72 B-73 B-74 B-77 B-82 B-133 B-140 B-147 B-139-1 B-138-1	[illegible] 12/63 [illegible] 12/63 [illegible] 12/63 [illegible] 4/63 [illegible] 12/63	127,263 2,163 20,000 2,000 6,289 6,563 22,000 6,563 11,557 6,563 4,289 1,234 1,000 1,234 129,234 2,234 960 2,234 477 1,234	C L DL	Jan 63 Aug 64	99	Contract #14-10-111-71, Waters and Stewart, Inc., orig. cont. of contract $127,263.47. (See B-14-[illegible] for balance of funds.) Change Order #4, dated June 15, 19[illegible] extended contract 30 calendar days. Completion date on contract changed from June 19, 1964 to July 13, 19[illegible]. Unobligated balance of funds, Day Labor Portion: $2,500.

MONTHLY PROGRESS REPORT

Area [redacted]

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) June 1963

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	[redacted] Wells House, Pinetops (2) (4) Sentence Septic Tank and Drainage Field	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1964	[redacted] Fencing and Install Snow Melter and Chlorine, Treated Sewage Station (A)	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1963	[redacted] Dry Barge, Flag Pole Installation	[redacted]		[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

MONTHLY PROGRESS REPORT

Area Douglas National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) June 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	3-E3-4703 Misc General: Signs (TT) Regulatory and Informational (43)	D-114		$ 5,000 10/20/63	CT	Jan 64 July 64	30	F. Unobligated balance of funds, Day Lodge Portion: $730.00
	3-L4-4701							
1963	Elevatory Roads and Parking, Flamingo Campground	D-91 D-94	11/63	$6,000 6/1/63	C	Jan 64 Oct 64	85	Contract (24-1-cnit-cal, Modern Pavement, Inc., orig. est. of contract $23,238.46 (See D-27-4702 for balance of funds.)
1963	Elevatory: Construct Roads, Parking Area and Walks for Headquarters	D-100 D-106	11/63	10,000 5/20/63				
	Housekeeping Cabins (61)	D-111	1000	750				
1964	Construct roads, Parking Area and walks for Headquarters A-Frame Cabins (64)		11/63 3003A 11/63	5/4/63 $10,140 6/4/63 $1,450 5/7/63 600 6/20/63				Unobligated funds $32,000.00 Program Adjustment, Regional Office MOA-13 approved 6/24/64.
1963	3-J7-4703 Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	D-96		$ 2,500 6/20/64	CT	Feb 64 July 64	30	F. Signs being prepared. Unobligated balance of funds, Day Lodge Portion: $2,601.00

MONTHLY PROGRESS REPORT

Area _____

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) June 1964

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION				REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
				AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	
1	2	3	4	5	6	7	8	9
1964	[illegible]							
	Harbor Bay: Dredging & Fortifying (Private Ground)	W-66	1003 1/1972	3,000 2/6/63	DL	July 63 Sept 63	40	P. Anticipated balance of funds, Day Labor Portion: $1,200.00
1964	[illegible]							
	Repair and Replace Elec Cable at Generator & General Cleaning (Gen.)	W-47	1003 2/1972	$2,500 12/4/63	DL	Jan 64 Aug 64	30	P. and Ins Anticipated balance of funds, Day Labor Portion: $5,000.00
1963	Harbor Bay: Construct Sea Water System							
1963	Harbor Bay: Construct Defense Installations (6), 3 - 2-Bedroom 2 - 3-Bedroom, 1 - 3-Bedroom	W-45-1		$48,000 $39,000 2/24/64 $9,000 2/24/64 $3,000 2/24/64 $2,000 2/24/64 $1,000 2/24/64	C	Jan 64 Jan 65	0	Not Work not complete.

MONTHLY PROGRESS REPORT

Area [illegible]

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) June 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	[illegible]	P-26-1		Est. $5,600 6/29/61	C	Aug 62 Jan 63	0	NSF Plans not complete.
1963	[illegible]	P-33		Est. $9,900 10/4/62	C	Jan 63 Sept 63	0	NSF Plans not complete.
1963	[illegible]	P-27-1		Est. $3,100 12/3/62	C	Jan 63 Jan 64	0	NSF Plans not complete.

Area [illegible]

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) [illegible]

F. Y PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION				REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
				TOTAL ALLOTTED BY FISCAL YEAR	CONTRACT (C) OR DL	ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	
1	2	3	4	5	6	7	8	9
1964	[illegible]							
	Construct Fire Lookout Tower	3-13A	3231	$21,390	C	Nov 63	60	DC
	7-Ville Tower, Comfort station and		3231A	1,200		Jan 64		Contract #14-10-0233-815, Peace
	Utilities for Fire Tower			7,110				Construction Co., orig. est. of
				1/33.64				contract $30,300.
1964	[illegible]							
	Construct Road to Seven Pile Fire	3-14-1	3251	$34,900	C	Feb 64		DC
	Tower		3251A	1,200		Sept 64		Contract #14-10-0233-814, Norris
				10,040				Paving and Construction Co., orig.
				1/34.64				est. of contract $35,500.00.

1120

Summary of the August 1964 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	90° for 29 days	1
Travel:	Down 1% for month Up 18% for year	1
Visitors:	Varied and numerous for off-season	1 & 2
Special Activities:	Employees spend leave in other NPS areas Friend of Park died	2
Miscellaneous:	Farewell for Subdistrict Ranger Two Rangers hospitalized	3
ADMINISTRATION:	Transfer or other disposition of records Few personnel actions C. R. Vinten, Special Assistant to Regional Director visited Park Visitor suffered heart attack and drowned in Blackwater Sound.	3
CONSERVATION, INTERPRETATION & USE:	Planning for revision of Park interpretive plan begun. Interim interpretive plans for Shark Valley Loop Road started Buzzard Key Roost presents quite a spectacular evening bird show Plans for Cape Sable Beach erosion research submitted.	4
RESOURCE PLANNING:	NPS representatives attended meeting on Southwest Florida Water Conservation arranged by Florida Senator Meeting held between USGS and NPS representatives regarding future direction of joint program Transfer of Hole-in-the-Doughnut lands to Department awaits only President's signature Formal application received from Miccosukee Indians for use of Mormon Key as Tribal burial site.	5
PUBLIC AFFAIRS:	Southeast Regional personnel assisted in studying the Fathahatchee Strand Planning for conventioners of Geological Society of America Two authors interested in publishing booklet on Fort Jefferson National Monument Park Biologist attended AOU Annual Meeting.	5 & 6

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

August 1964

General

Weather Conditions: Temperatures for most of the month averaged 90 degrees. At Royal Palm the thermometer read 90 or above on 29 days. Rainfall was very spotty, with 10.50 inches recorded at Tamiami and only 3.11 at Flamingo. The Taylor Slough water gauge dropped below that recorded during July and by August 31 stood at 4.28 feet. This compares with 4.45 feet recorded for the same month last year. On August 21, the Weather Bureau first reported Hurricane Cleo in the south Atlantic. The storm was closely watched and by 9:00 A. M. on August 25 it was apparent it would have some effect on south Florida. At this time the Park went into the Green Alert of its Hurricane Plan. The storm continued to approach the south Florida coast at a rapid rate and by 6:30 P. M., it was necessary to call the Yellow Alert for the entire Park. The bulk of the Yellow alert projects were completed in late afternoon. Word received from the Weather Bureau at 4:00 P. M. indicated hurricane warnings had been called for south Florida. The Park ordered a Red Alert at 4:15 P. M. About 1:00 A. M. on August 26, hurricane winds were first felt in Miami and the storm proceeded directly over the town. Everglades National Park felt very little effects. Winds at Pine Island apparently did not exceed 35 mph. in gusts with rainfall just over 1/2 inch. Other areas of the Park, including Tamiami, Key Largo, Flamingo and Everglades were even less affected. We, in Everglades feel extremely lucky we missed Cleo's full force. By 9:00 A.M. on August 27, the Red Alert was lifted and the Park again opened for visitor use.

Decrease in Travel: Visitation to the Park decreased by one percent during August. A total of 48,780 persons entered the Park compared with 48,971 for 1963. Travel for the calendar year to date, however, still shows an 18% increase over a like period last year. All of the decrease in visitation during August was recorded in the Gulf and Mangrove Districts whose entry is by boat only. Visitation by Park road actually increased four percent over last August. Undoubtedly the effects of Hurricane Cleo at least attributed, in part, to this drop in visitation. Camping also showed a decrease for August with only 1,282 persons using the Park facilities. This compares with 1,833 for August last year and represents a 30% decrease. Camping for the year is still 67 percent over that for the same period for 1963.

Visitors: Visitors from 45 of the 50 states were represented by traffic figures, as well as those from five Canadian Provices and 25 foreign countries. The following persons visited Park Headquarters:

Visitors (cont'd):
Charles Johnson, New York Botanical Gardens, New York, N. Y.
Mr. Newhouse, U. S. Public Health Service, Atlanta, Georgia
Mr. Johnson, Ditto
Col. Cecil and group, Homestead AFB
Mr. Paul E. Schulz, Natural History Division, Southeast Regional Office, NPS
Mr. Robert C. Squier, Proposed Area Studies, Southeast Regional Office, NPS
Superintendent R. C. Miller, BIA and Buffalo Tiger of the Miccosukee Indians, Homestead, Fla.
Mr. Melvin Finn, Nature Conservancy, Miami, Fla.
Mr. Kline, Nature Conservancy, Miami, Fla.
Misses Judy and Lila Linch, daughters of Supt. Linch, Chalmette National Historic Park, Louisiana.
Jimmy Hoffa (in Flamingo area).
Mr. Oakley, Florida State Park Service
Mr. C. R. Vinten, Special Assistant (Safety), Southeast Regional Office, NPS
James Shaw, Ft. Matanzas National Monument, St. Augustine, Fla.
Mr. W. Thomas, TV and radio writer from England
Mr. W. Orbin, U. S. Weather Bureau, Miami, Fla.
Mr. G. Williams, Ditto
Mr. W. H. Arnold, Hydrologist, Marine Lab, U. of Miami, Coral Gables, Fla.
Mr. Wade, Ditto
Mr. Jack Hardy, U. S. G. S. Miami, Fla.
Mr. E. Hardy, Superintendent, John Pennekamp State Park, Fla.
Mr. Bill Holstrum, Free lance writer from Tropical Press Services
Mr. Marvin Stump, Engineer, EODC, Philadelphia, Pa.
Mr. Geoffrey Adams, Editorial and feature writer from New Zealand
Mr. C. T. Rubins, Pennsylvania State College
Mr. Haymes, Ditto
Mr. E. W. Reed, Branch of Water Resources, NPS, Washington, D. C.
Mr. Alfred Vick III, Branch of Water Resources, Southeast Regional Office, NPS, Richmond, Va.
Mr. and Mrs. R. P. Calhoun, NPS, Washington, D. C.
and the following persons from various U.S.G.S. offices (See Water Resources Section:
Messrs. J. H. Hartwell, Howard Klein, George Ferguson, E. T. Schaefer, R. W. Pride, Stanley D. Leach, W. Schwider, Dr. M. C. Kolipinski, K. A. MacKuhan and L. G. Toler.

Special Activities: Superintendent Joseph and Asst. Superintendent Burroughs spent one week in the Regional Office discussing plans and operational matters concerning Everglades and Fort Jefferson National Monument.

The Chief Naturalist left August 31 on annual leave. The Naturalist's Secretary, Mrs. Russell was on annual leave at Fort Jefferson the early part of the month. Naturalist Gale Zimmer started her annual leave on August 12 to visit, with her mother, some of the western park. Miss Sue Ashley, traveling with her mother, spent the bulk of her annual leave visiting NPS areas as far west as California.

Mr. J. L. Hubert, who for many years farmed in the Hole-in-the-Doughnut area and along the east boundary of the Park, died suddenly of a heart attack late in the month. Mr. Hubert had been friendly and sympathetic toward Park ideals. On several occasions he had rendered assistance in fire suppression activities in the vicinity of our east boundary.

Miscellaneous: A coffee was held on August 4 to bid farewell to Harvey D. Wickware and his family upon his promotion and transfer to Fort Caroline National Memorial, Jacksonville, Fla. as Management Assistant.

Ranger Robert E. Benton underwent surgery at James Archer Smith Hospital in Homestead, Florida during the month.

James A. Markette spent several days at Pratt General Hospital, Coral Gables, Florida with a recurrence of an old shoulder injury.

Administration

Management Analysis: Special attention was given to the Records Disposition Program during the month. A considerable volume of records were moved to storage and the equivalent of ten file drawers were prepared for transfer or other disposition.

Personnel: John R. DeWeese, formerly Superintendent of Fort Caroline National Memorial, assumed the duties of Management Assistant in this park during the month.

Harvey D. Wickware, Cape Sable Sub-district Ranger accepted a promotion and transfer to Fort Caroline National Memorial. Ranger Wickware will assume the position of Management Assistant there.

Mr. John Leppert, a local teacher, was added to the interpretive staff on a WAE appointment.

Seasonal Park Naturalist Samuel W. Mendlen completed his season, and is now on furlough.

Safety and Health: Information regarding the Safety Contest initiated by the Director was disseminated to all Park employees with salary checks on August 27.

Mr. C. Raymond Vinten spent several days in the Park. As he entered from the West coast of the state he contacted the Gulf Coast District Ranger, then continued across the Tamiami Trail where he contacted the Tamiami Subdistrict Ranger before reaching Headquarters where he met with the Chief Park Ranger, Superintendent Joseph and the Glades District Ranger before proceeding to Flamingo and Key Largo Ranger Station.

An explosion and fire occurred aboard a cabin cruiser just outside the Park boundary with seven persons aboard, five of whom were injured. Before sinking the craft drifted about 150 feet into Park waters. As the accident occurred and injuries were received outside the Park, the accident was handled by the U. S. Coast Guard.

Mr. Ernest W. Kelts of Miami, Fla. suffered a heart attack while swimming in Blackwater Sound. The person who accompanied him was unable to reach him before he drowned. The U. S. Coast Guard and the State Board of Conservation assisted in the search for the body.

Conservation, Interpretation & Use

Interpretive Facilities & Planning: A meeting was held August 19 with Regional Naturalist Schulz, Regional Proposed Areas Study Chief Squier, Superintendent Joseph, Asst. Superintendent Burroughs, Chief Park Naturalist Christensen, and Asst. Chief Naturalist Haugen attending to discuss the re-evaluation of the entire interpretive plan for Everglades.

A meeting was held, also, about the Shark Valley Loop Road. It was decided that signs would be produced from Park funds by Park personnel to provide interim interpretation for that area. Chief Naturalist Christensen and Naturalist Zimmer have been hard at work on this project.

Interpretive facilities were closed the afternoon of August 26 to permit personnel to secure the stations for protection from hurricane Cleo. All stations were reopened the following morning providing their regular programs.

Park Guide, Mrs. Mendlen has completed the project of putting all the slides in the slide library into plastic slide protectors.

Interpretive Services: Visitor contacts for August were 81,892. One off-site program was given to the South Miami Rotary Club. Visitor contacts for this month were approximately 15 percent less than in July.

Research and Observations: Several trips were made to the newly formed Buzzard Key roost. It is now believed that at least part of the Old Duck Key roost birds have moved to this area, plus some from the Shark River roost. The number of birds has remained quite steady during the month and has now become quite a spectacular evening sight.

Naturalist Sloane submitted his plan of study on the Cape Sable erosion research project.

The first Marsh Hawk of the season was seen near the Flamingo bridge on August 25.

Protection: Ranger personnel assisted in six routine boat rescues during the month.

Night patrols, particularly in the Gulf Coast District, were continued. Ranger personnel are making an all out effort to contact all boats (mostly commercial fishermen) operating in these waters at night. This effort is continuing to pay off in the protection of Park wildlife.

Patrol mileages for the park for the month were as follows: Boat 2,233 Vehicles 14,049 Glades Buggies 177 Airboats 199, Total 16,658 miles.

Building Fire Protection: Training in the use of the new fire truck which has been assigned to the Pine Island residential and shop areas was continued.

Resource Planning

Water Resources: The Superintendent met Alfred Vick III, Hydraulic Engineer, Southeast Regional Office at Fort Myers, Fla. on August 26, with Hydraulic Engineer Francis A. Nix, where they attended a meeting on the Water Resources of Southwest Florida which had been arranged by State Senator Elmer O. Friday, Jr., of the 24th District of the State of Florida. The purpose of this meeting was to develop a plan of water conservation and utilization to meet the future requirements of Charlotte, Collier, Hendry, Lee and Glades counties.

On August 27 a meeting was held between representatives of the U.S.G.S. and Park Service representatives at Park headquarters. Representatives of the U.S.G.S. from Mr. George Ferguson, Division Hydrologist, Arlington, Va. and Mr. F. T. Schaefer, Chief Surface Water Branch, Alington, Va., to members of the staff at the Ocala and Miami Offices participated. The Park Service was represented by Mr. E. W. Reed, Branch of Water Resources, Washington, D. C. and Mr. Alfred Vick III, Branch of Water Resources, Southeast Regional Office, Richmond, Va.; Everglades was represented by Superintendent Joseph, Asst. Superindent Burroughs, and Hydraulic Engineer Francis A. Nix. At this meeting definite conclusions were reached regarding the future direction of the joint program and the major objectives, both short and long term.

Status of Private Lands: Information was received that the transfer of lands from the FHA to the Department of Interior for inclusion of lands in the "Hole-in-the-Doughnut" had been approved and awaited only the signature of the President.

Cooperation with Other Federal, State or Local Agencies: Superintendent [illegible] Miller of the Miccosukee Subtribe of Seminole Indians, BIA and Superintendent Joseph met and discussed the details of the proposed burial site for the Tribe in Hammock 55. At Superintendent Joseph's request Superintendent Miller will submit a formal application stating the conditions to be met by the tribe and the Park Service which is to be presented to the Regional Office for final approval of such special use.

Public Affairs

General Publicity: Gulf Coast District Ranger Richard A. Stokes appeared on the third of a series of live TV programs over WINK, Ft. Myers, Florida on August 19. This was another in a series of such programs in cooperation with the Department of Agriculture.

Park Relations: The Superintendent attended a Nature Conservancy meeting in Miami, Florida with a group interested in the Fathahatchee Strand. The meeting provided orientation and background information for Mr. Robert C. Squier and Paul E. Schulz of the Southeast Regional Office, who are studying the area. District Ranger Richard A. Stokes assisted them in their field investigations.

Mrs. Hendry of Tallahassee, Florida contacted the Superintendent regarding a trip into the Park by members of the Geological Society of America while at the Deauville Hotel on Miami Beach for their convention in November

During [illegible] month the Superintendent was contacted by [illegible] authors [illegible] interested in publishing booklets on Fort Jefferson National Monument. Both were encouraged, but warned of cost factors and that Departmental endorsement would probably not be possible, though we would be happy to review the text and make comments for improvements.

Park Biologist William B. Robertson, Jr., attended the American Ornithologists' Union Annual Meeting at Kansas City, Missouri.

DESIGN AND CONSTRUCTION

Plans, Maps, and Surveys:

The Roads and Trails System Plan, a part of the Master Plan for Everglades National Park is now being revised and brought up to date.

New Construction:

A pre-final inspection for the Sprinkler System Project, Headquarters, Parachute Key was conducted this month. This project is expected to be completed one month ahead of schedule.

The Concessioner Low Cost Overnight Accommodations (Flamingo cottages) are nearing completion. Recent design changes, L. P. gas to electrical power, have accelerated progress.

The Accelerated Public Works Project at Tamiami, Shark Valley Observation Tower Road has shown some increase in progress. However, the contractor, Harris Paving Company of Miami, must still improve his productivity to complete the project by the November 9 completion date.

Normal progress is reported for the only other remaining Accelerated Public Works Project, Shark Valley Observation Tower.

Utilities:

Advance working drawings were reviewed this month for a new sewage system at Flamingo. This improvement will provide for treating nearly all sanitary wastes east of the Buttonwood Canal, Flamingo and removing from service septic tanks.

Conferences and Meetings:

Hydraulic Engineer Alfred Vick, III and E. W. Reed of the Regional and Washington Offices respectively, visited Everglades this month along with representatives of the Corps of Engineers, U. S. Geological Survey and other agencies for further discussions regarding water resources for Everglades National Park

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1961	B-16-EVER							D&C and F
	Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-122 M- 73 M- 60	3222 3/63	435 1/8/61 13,000 5/24/61 24,043 2/2/62	C & DL	Dec 61 Dec 64	90	Planting plans not complete. Unobligated balance of funds, Day Labor Portion: $500.00
1963	B-27-EVER							D&C:
	Flamingo: Campground Development Including Trailer Facilities, Loops 2 and 3 Including Collbe Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U- 71 U- 72 U- 73 U- 74 U- 79 U- 81 B-139 B-140 B-147 M-129-1 M-139-1	3220A 11/63 3235 11/63 3220A 11/63 3224A 6/63 3223A 11/63

MONTHLY PROGRESS REPORT

Area: EVERGLADES NATIONAL PARK

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1964

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1	2	3	4	5	6	7	8	9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500 2/7/63	C & DL	Mar 63 Nov 64	95	P. Unobligated balance of funds: $1313.3 held for relocation of trailers due to new residence construction.
1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)	B-153		6,000 1/13/64 1,700 6/4/64	C & DL	Feb 64 Nov 64	80	P. House trailer is in place and utility connections are underway. Unobligated balance of funds Day Labor Portion: $ 650.24
1964	B-40-EVER Parachute Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	B-142	3730A Feb 64	10,523 6/30/64	C	Jul 64 Oct 64	85	D&C Contract #14-10-0111-225 issued to low bidder Harold G. Jaffer, Inc. in amt. of $10,523 for Sprinkler System, Parachute Key. Notice to Proceed issued June 30. Notice of Beginning Date issued July 2. Beginning date of contract: July 2, 1964. Completion date of contract: October 29, 1964

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August

F.Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	ESTIMATED DATE: STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	R-13-EVER							P.
	Park General: Signs (77) Regulatory and Informational (63)	R-114		5,000 12/10/63	DL	Jan 63 Oct 64	98	Unobligated balance of funds, Day Labor Portion: $234.44
1963	R-14-EVER							
	Circulatory Roads and Parking, Flamingo Campground	R-91	3220A	60,000	C	Jan 63	95	D&C Contract # 14-10-011-216 Waters and Stewart original amt. of contract $732,232.42. Contract
		R-94	11/63	8/1/63		Oct 64		
1961	Flamingo: Construct Roads, Parking	R-102	3236EE	20,000				Contract 100% complete. (See B-47-
	Area and walks for Concessioner	R-106	11/63	3/22/63				EVER for balance of funds and
	Housekeeping Cabins (61)	R-113	3228A	730				information.)
1964	Construct Roads, Parking Area and		11/63	9/4/63				
	Walks for Concessioner Motel Units		3223A	112,145				Unobligated funds: $3,700.00
	(64)		11/63	2/4/64				Program adjustment, Regional Office
				Rev 32,595				No. 864-13 approved 4/22/64
				3/2/64				
				300				
				4/22/64				
1961	R-17-EVER							P
	Long Pine Key Campground & Picnic	R-56		2,500	DL	Feb 64	65	Signs being prepared.
	Area, Construct and Erect Signs			8/10/64		Nov 64		Unobligated balance of funds,
	and Markers							Day Labor Portion: $1,660.31

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED: ☑ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1964

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1962	B-26-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	N-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sept 65	40	P. Unobligated balance of funds, Day Labor Portion: $1,951
1964	B-34-EVER Repair and Repoint Fort Walls of Casemates and General Cleanup (For.)	N-27	2003 1/1939	42,500 11/4/63	DL	Jan 64 Aug 64	100	
1965	B-41-EVER Repair and Repointing Fort Walls and Casemates and General Cleanup	N-27-1 (For.)	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	20	P and D&C Unobligated balance of funds, Day Labor Portion: $27,400
1962	Garden Key: Construct Sewage System	U-15-1	 Re	Est. 60,000 8/24/61 60,000 1/8/63	C	Jan 66 Jan 67	0	D&C Plans not complete
1962	Garden Key: Construct Employee Residences (5), 3 - 1-bedroom, 2 - 2-bedroom, 1 - 3-bedroom	B-15-1	 Re Re Re	Est. 192,000 8/24/61 40,000 3/9/62 8,000 1/8/63 12,500 1/16/63 41,500 6/7/63	C	Jan 66 Jan 67	0	D&C Plans not complete

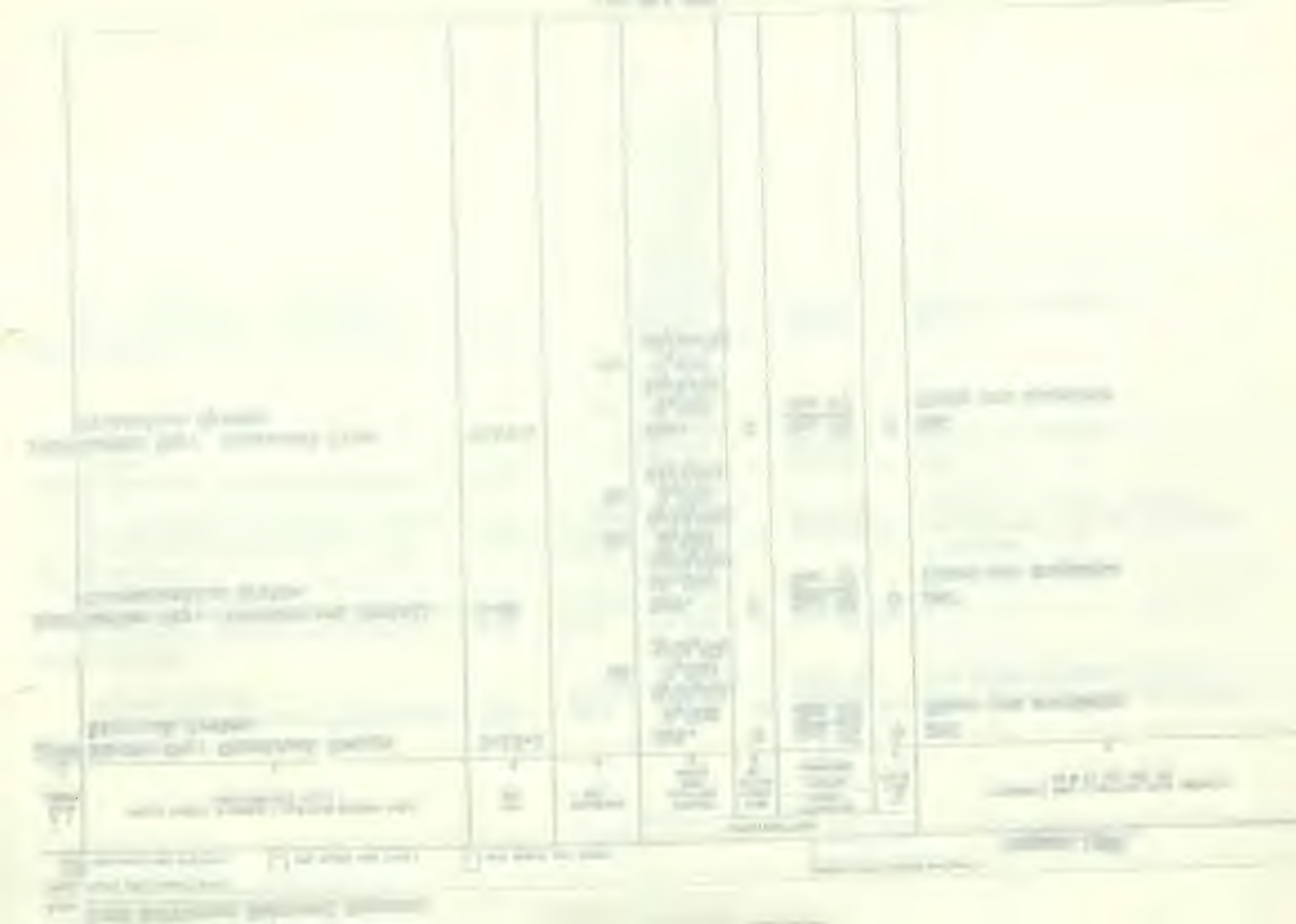
MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Garden Key: Construct Sewage Disposal System	U-15-1		Est. 8,600 8/24/61	C	Jan 66 / Jan 67	0	D&C Plans not complete
			Re	8,600 3/21/64				
1962	Garden Key: Provide and Install Communication System	E-30		Est. 14,300 10/4/62	C	Jan 66 / Jan 67	0	D&C Plans not complete
			Re	8,300 8/19/63				
			Re	3,000 11/7/63				
1962	Garden Key: Construct Fire Protection System	E-17-1		Est. 6,300 10/4/62	C	Jan 66 / Jan 67	0	D&C Plans not complete
			Re	6,600 12/20/63				



MONTHLY PROGRESS REPORT

ACCELERATED PUBLIC WORKS

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☑ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1964

F Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	AFW-[illegible] Everglades Fire Lookout Tower 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134	3231 1/1964 Re	204,300 10/23/64 7,183 1/31/64	C	Nov 63 Oct 64	80	D&C Contract #13-10-0111-215, Avant Construction Co., orig. amt. of contract $90,400.
1964	AFW-[illegible] Construct Road to 7-Mile Fire Tower	R-34-1	3234 12/19[illegible]	231,965 1/31/64 12,048 1/31/64	C	Feb 64 Nov 64	45	D&C Contract #14-10-0111-214, Harris Paving and Construction Co., orig. amt. of contract $238,965.75 Stop Order dated July 17, 1964 suspended work for one day due to adverse weather conditions. Completion date of contract changed from September 13 to September 14

Files

Summary of the September 1964 Monthly Narrative Report

for

Everglades National Park

		Page
GENERAL:		
Weather:	Rainfall normal. Hurricanes bypassed Park.	1
Travel:	Up 19%. Camping decreased.	1
Visitors:	Three foreign groups and others.	1-2
Special Activities:	Aerojet test attended. USPHS began mosquito study	2
Miscellaneous:	Burroughs weekend at Flamingo. Two Show Me trips. Three Service pins awarded.	2
ADMINISTRATION:	Ranger promoted. Two transfers pending.	3
CONSERVATION, INTERPRETATION & USE:	Plans for Interpretation of Shark Valley Loop road in progress. Revision of entire Everglades interpretation being studied 2000 green turtle hatchlings released.	3
	Manpower shortage caused cutback in programs.	4
	Greyline Tours plans stop at West Lake.	
	Four cases before Commissioner found guilty. Alligator poaching continues.	5
	Night boat patrols continue.	
	New National Park Service boating regulations being distributed and will read.	
	Fill placed at Everglades residences.	
	Survey work started on Chokoloskee.	
	Island to determine Park boundaries.	
	Approved preliminary drawings for Flamingo Shower house submitted.	6

RESOURCE PLANNING:

Plans for Director and Corps of Engineers meeting in Jacksonville being formulated. 7

Int Dept Work Group met.

Dr. Idyll, University of Miami Marine Laboratory furnished portion of unpublished manuscript for National Geographic on shrimp for use of National Park Service.

Report on Cleo sent U.S. Weather Bureau.

PUBLIC AFFAIRS:

Press release on American Landmarks Celebration week used. 8

John Durant, New York Times escorted over Shark Valley Loop road and 7-Mile Observation Tower.

Four French Engineers escorted by Management Assistant DeWeese and Park Engineer Wolfe.

Superintendent attended Aerojet General test firing of solid fuel rocket engine.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

September 1964

General

Weather Conditions: September was warm and humid with rainfall ranging from above normal in the Glades District to slightly below normal in the Gulf Coast District. Hurricane Dora threatened the Park on September 8 but no significant winds were felt. Hurricanes Ethel, Gladys and Hilda posed no threat but were carefully charted. Surface water tables in the Glades fluctuated considerably although the rainfall was near normal. Portions of the headwaters airboat trails were without surface water at the end of the month. Rainfall at Pine Island totaled 52.45 inches for the year, as compared to 43.73 inches last year. The greatest amount for a single day during the month was 4.40 inches on the 13th.

Comparative Taylor Slough water level readings: (bridge)

September 30, 1964	4.72'
September 30, 1963	6.12
August 31, 1964	4.28'

Increase or Decrease in Travel: 28,789 people entered the Park as compared with 24,071 for September 1963. This was an increase of 4718 visitors or 19%. Visitation by boat to the Gulf Coast District was up 14% with most of this increase being caused by commercial and sports fishing. Sightseeing boat tours were up only slightly. Camping use decreased 21% under September 1963 in the Flamingo District. Rain, mosquitos, and hurricane alerts all contributed to the decline.

Visitors: Visitors from 27 foreign countries, 4 Canadian provinces, and all 50 States except Alaska, Montana, Nevada, New Hampshire, North Dakota, Oregon and Wyoming were represented by visitors to the Park during the month.

List of visitors include:

Khampheng Boupha, Secretary of State for Rural Affairs, Vientiene, Laos
Doctor Gembomg, University of Indonesia
Mrs. Virginia Calhoun, NPS Publications, WASO

List of Visitors: (Continued)

Messrs Fielding and Huish, U. S. Fish and Wildlife Service, Division of Fisheries
Messrs Chamberlain and Johnston, US Public Health Service
Doctor Saleh, Dean of the College of Agriculture, Cairo, Egypt
Dick Zani, Naturalist, Virgin Islands NP
Commander E. W. Dorr, US Coast Guard, Miami, Florida
Mr. Thomas Gurr, Engineer, Chief of Field Station, Flood Control District, Miami
Mr. John Durant, writer, New York Times
Mr. Howard Kline, USGS, Miami, Florida
Mrs. Jane Hamlin, reporter, Ft. Myers News Press
Mr. and Mrs. Dade Thornton, photographer and President, Tropical Audubon Society, Miami, Florida
Mr. and Mrs. Cook, Superintendent, Chickamauga National Park, Tennessee
Messrs. Rochette, Bounaud, Vian, Gautier, Engineers, France

Special Activities: Several Park personnel attended the first test by Aerojet General Corp. on September 19. Protection personnel attended an orientation meeting prior to the actual firing of the solid fuel rocket engine (120 inch) for fire protection purposes.

U. S. Public Health personnel began a mosquito study at Pa-hay-okee and Big Ficus Pond area.

The old 7-Mile fire tower was removed this month by the Bureau of Indian Affairs.

Superintendent Joseph attended the meeting of the Board of the Tropical Audubon Society on Wednesday evening, September 9.

Miscellaneous: Assistant Superintendent and Mrs. Burroughs spent a weekend at Flamingo where the Assistant Superintendent was taught proper operation of the Park Service Boats and Mrs. Burroughs did some birding.

Two Show Me Trips were given to personnel from the Park Headquarters and Pine Island Utility area. These trips were arranged by the Ranger Services Division and included an inspection of the newly completed 7-Mile Tower at the end of the Shark Valley Loop Road, then on to Everglades, Florida where concessioner Sammy Hamilton ran a special boat trip to take the groups to the new Buzzard Key roost to witness the huge night flights of birds there.

Mrs. Maude Harriott received her 20 year Service pin at Staff Meeting on Wednesday, September 23. Presentations of 10-year pins were made to John J. Alcorn and Mrs. Gloria Treusch the following day as neither were available on the 23rd.

Administration

Personnel: Accessions: None

Separations: Collaborators Without Pay, Robert E. Woodruff, Frank H. Mead, Howard V. Weems, and Harold A. Denmark, were terminated from their excepted appointments effective cob 09/24/64.

Changes: Robert E. Benton was promoted from position of Supervisor Park Ranger, No. 73, GS-7 to Supervisor Park Ranger (Subdistrict Park Ranger) Position #19 Flamingo, GS-8, effective 09/27/64.

James F. Wolfe, Park Engineer (Civil) has accepted a promotion and transfer to the New York City Group on or about November 15.

William M. Taylor spent two weeks in the Publications Section, Washington Office prior to his promotion and transfer to that office about mid-October.

Safety and Health: Two inspections were made of the concession rental skiffs to insure that all skiffs rented to Park visitors carry the required safety equipment. One sanitation inspection of the Flamingo eating facilities was made and report completed.

Two visitors were nipped on their fingers by raccoons while feeding these animals at the Flamingo Visitor Center.

Conservation, Interpretation and Use

Interpretive Facilities: The Park staff spent much time on planning for the remodeling of the Visitors Center and the audio-visual presentation equipment in this facility. Various members of the Regional Office also participated through the use of the FTS telephone system.

Considerable time is still being spent on the materials that are to go to the Shark Valley Loop Road. Six exhibits were prepared for printing. These will be used in "lift" boxes.

Metalphoto labels were installed on Mangrove Trail to replace laminated labels which do not hold up in the sun.

Considerable time has been given to overall interpretive problems of the coming season and rewriting of the Master Plan.

Two thousand hatchling green turtles were released in Florida Bay on September 26. This is a continuation of the project commenced last year in cooperation with Dr. Carr of the University of Florida, in an effort to re-establish turtle nesting on the Cape Sable beaches.

Interpretive Services: Interpretive contacts this month were 42,183. Although overall Park travel was up again this month, the sharp rise in the mosquitoes in mid-month cut down the number of interpretive contacts.

Interpretive Services: (Continued)

This [illegible] was reflected mainly in conducted walks. People [illegible] arrive and even start some of the programs, but give up in spite of the protection offered by repellents.

A temporary reduction in manpower at Flamingo has forced a cutback in the number of interpretive services offered the visitor. A similar situation takes place at Royal Palm during the morning and afternoon bird and walk. At this time, the window at the information desk has been closed during the slowest days of the week.

District Naturalist Mrazek left September 23 for the two month interpreter's training course at Stephen T. Mather Training Center, Harper's Ferry, West Virginia. Naturalist Cunningham is Acting District Naturalist during his absence.

Park Naturalist Taylor was on two weeks duty in WASO working as Biology Editor in the Publications Section. His permanent transfer has since come through.

Research and Observations

Early in September, the exhibits were placed in the West Lake Visitors building and open to the public. The Grayline sightseeing bus intends to make the exhibit one of their scheduled stops.

A concentrated effort has been made to trap crocodiles outside the Park on Key Largo but so far has met with negative results. The trap used was taken to the 7-Mile Tower moat where it trapped 2 alligators in three nights. It is hoped that the bad actor in the bunch in the moat will go into the trap so that it can be removed to a more remote location in the Park.

A boat load of water hyacinths was removed from the Shark Valley Tower moat and scouting for other possible points of infestation was carried out.

Trout fishing has all but stopped except for two or three fisherman. One person reported his season's catch of 12,100 "head" of trout (about 12,500 lbs.). This was one of the largest catches this year.

Crawfishing on the Keys has slowed with demand steady and the supply erratic.

To date, 14 permits have been issued, representing 3500 traps for the Stone Crab season which begins October 15.

Protection: Five boat rescues were made during the month by Rangers.

The 7-Mile gate was broken into twice this month. The USGS lock was broken once and Avant's the second time. Chains and locks on two Long Pine Key fire roads were removed by persons unknown during the month. These have been replaced.

Four cases were heard before the U.S. Commissioner - two involved firearms and two involved turtle poaching. All defendants were found guilty. One rifle was confiscated and another was held by the Commissioner for 6 months; one person was suspended from the Park for 6 months, and the fourth violator was fined $15 which was suspended.

One warning violation was issued to a private plane owner who landed on the Park airstrip. Warnings were given two men for having a glades buggy on Park lands and to one person for having undersized redfish. Fish was returned to the water alive.

Rangers investigated an incidence of alligator poaching in which two skinned alligators and some empty salt boxes were found.

On September 7, before dawn, three ice chests were stolen from boats parked at the motel, and a wheel from one car was stolen. No leads were uncovered.

The boundary along the Loop Road and the old Tamiami Trail was re-posted with new signs, in preparation for the coming hunting season.

Airboat patrols along the east and west boundary resulted in many contacts with airboat operators.

Night boat patrols have been continued in the Gulf Coast District, averaging two to three per week.

The new National Park Service boating regulations are being distributed to boat docks, marinas and fish houses in the Gulf Coast and Keys areas. A meeting of supervisory Ranger personnel was held to thoroughly discuss these new regulations. Seventeen commercial boats were checked for adherence to regulations. Most boats failed the first inspection but usually on minor items. A large increase of running and anchor lights are in evidence on commercial boats, particularly those that are not for hire, as very few had lights prior to the introduction of the National Park Service boating regulation. Many of the guide boats (charter boats) that haven't been inspected are being brought up to inspection standards prior to the inspection.

Verbal warning was issued for crawfish traps in Blackwater Sound.

Commander Dorr, U.S. Coast Guard, Office of Marine Inspection, has had a flood of guides in his office taking the test for the required operator license. The boating regulations had been received in good faith and most are trying to comply with them.

Patrol mileage for the month was as follows:

Automobile	15,470	
Airboats	866	
Boats	1,679	(Airplane out of service all month for major overhaul)
TOTAL	18,015	

Forest Fire Protection: One fire occurred in the Royal Palm district during the month at Snakelands Trail, burning approximately one acre. A lightning strike fire on the 14th, 2 miles [illegible] of the Shark Valley Lookout burned about one acre. It was partially extinguished by the use of an airboat.

Assistant Chief Ranger Maxwell and Supervisory FCA Guardipee attended a planning session at the Dade County Civil Defense Headquarters for the October 8 fire equipment demonstration in conjunction with Fire Prevention Week. Federal, State and local fire fighting agencies are participating in this demonstration.

Building Fire Protection: A Glades District Ranger received training in the use and operation of the new Pine Island fire truck from Supervisory FCA Guardipee.

Sanitation: Mr. Fielding, Chief, Division of Sport Fisheries, Bureau of Sport Fishing and Wildlife, Atlanta, and Mills Huish, a graduate student of the University of Georgia spent a couple days at Flamingo and upon completion of their studies advised the Superintendent of their tentative conclusion that the Park's applications of malathion were in no way injurious to aquatic life in Florida Bay.

Maintenance: Three hundred tons of fill were placed around the three residences at the town of Everglades with the Rangers assisting the maintenance personnel in the work.

A leak in the main water line at Flamingo temporarily shut off the water from morning to afternoon on September 29. The line was permanently repaired on September 30.

Survey work was started on Chokoloskee Island to determine our boundaries around the islands.

The motor vessel Bush Key was repaired at the U. S. Navy drydock in Key West. Ten thousand dollars was made available for a portion of this contract from the Regional Office.

Concessioner: A discussion was held with the President of Everglades Park Co., Inc. on the plans for a coin operated shower house and laundry room for campers in the Flamingo area. The preliminary drawings were submitted with comments and recommendations to expedite final approval, in the hope this facility could be ready for the winter season.

Sanitary inspections have continued in the kitchen at Flamingo and conditions are found to be improved.

U. S. Coast Guard inspected three concession sightseeing boats - the Juniper, Playmate VI, and the Egret at Flamingo. All passed the inspection.

The concessioner at Everglades reported that motel use was up slightly from 114 persons last year to 168 persons this year.

Water Resources: The Park staff spent considerable time [illegible]ing for the proposed meeting in Jacksonville, at the invitation of the Corps of Engineers, on the water resources of Everglades National Park. This meeting, now scheduled for early November, will be attended by the Director.

On September 29 and 30 Superintendent Joseph, Assistant Superintendent Burroughs and Hydraulic Engineer Nix met with other members of the Interior Department Work Group at the St. Petersburg Beach offices of the Bureau of Commercial Fisheries, to formulate and consolidate statements, schedule of interim water releases, and other points regarding the water problem of the Park.

Alfred Vick, III, Hydraulic Engineer, Southeast Regional Office left Everglades on August 31, and visited the offices of the Central and Southern Florida Flood Control District in West Palm Beach on September 1 enroute to Richmond, Virginia.

Dr. Clarence P. Idyll of the University of Miami Institute of Marine Science was contacted regarding supplying a summary of the Tabb report on the Everglades National Park water situation . This summary may be helpful at the upcoming meeting with the Corps of Engineers. Dr. Idyll has also furnished us with a draft copy of the text of his forthcoming article on shrimp to appear in the National Geographic in the future.

Superintendent Joseph attended a meeting of the Water Resources Control Council of the Miami-Dade County Chamber of Commerce in Miami on September 24.

The drillers, under supervision of the USGS, continued to drill deeper at the well site near Anhinga Trail. By month's end, the well had been drilled to 1100± feet and had been capped. All drilling equipment was removed from the site.

USGS personnel were taken to water guaging stations P37, P38, P35 and P33 in connection with routine servicing and to start preparations for ecological studies of water and wildlife. All transportation was by airboat.

Cooperation with other Federal, State and Local Agencies: A report on weather conditons involving Hurricane Cleo was sent to the Weather Bureau State Climatological Laboratory in Gainesville, Florida, on September 1.

District Ranger Richard A. Stokes appeared in the final of a summer series of live TV programs on the Park carried by station WINK, Ft. Myers Florida. These were in cooperation with the USDA.

Superintendent Joseph and Management Assistant DeWeese met with Mr. R. Peach of the F.A.A. regarding planning for the airport at Everglades, Florida.

Public Affairs

General Publicity: A press release on American Landmarks Celebration Week, September 28 - October 4 was issued and used by the local newspaper. A clipping of the release was forwarded.

Assistant Superintendent Burroughs met with Mr. John Durant of the New York Times and Mr. Robert B. Knight, President of Everglades Park Co., Inc., and escorted them over the Shark Valley Loop Road and the new 7-Mile Observation Tower.

Management Assistant John R. DeWeese accompanied Dr. Ahmed Abdel Ghaffer Saleh, Dean, Faculty of Agriculture, Ein Shams University, Cairo, Egypt on a tour of the Park on September 18.

On September 10 he accompanied His Excellency Khampheng Boupha, Secretary of State of Rural Affairs, Vientiene, Laos and his interpreter, Mr. Rober Vale, on a tour of the Park.

Messrs. DeWeese and Wolfe escorted four French engineers through the Park on September 23. These gentlemen spoke but little English, and were primarily interested in construction problems met and overcome here. They are planning for developments on the French Mediterranean coast between the Rhone River and the Spanish border. They have an especial interest in Everglades because of the relationship between recreation boating and interpretation of birdlife. A spectacular natural exhibit of marsh birds in Europe is the Comarque Sanctuary on the Rhone delta and techniques for providing public access and facilities to that sanctuary should be an important aspect of their plans for the coastal region. The gentlemen were Messrs. Bonnaud, Rochette, Vian and Gautier.

Superintendent Joseph attended the briefing, firing and debriefing sessions on the first testing of Aerojet General Corporation's solid fuel rocket during the month. The Park, through the Ranger Division, had fire equipment adjacent to firing area in the event of any remnants of the firing causing fires in the Park protective zone. It was not necessary to use this equipment.

DESIGN AND CONSTRUCTION

lans, Maps, and Surveys:

ortions of the Park boundary were established on the north and west sides of hokoloskee Island, Gulf Coast by members of the Park Staff.

ew Construction:

lans and specifications were received this month for Grading, Placing Topsoil, eeding and Fertilizing, Flamingo Campground Areas and for Sewage Disposal, Water ystem Extension and Driveways, Flamingo. This work is expected to be awarded by he end of October.

he completion date for the Shark Valley Observation Road Project has been extended o November 9. The Shark Valley Observation Tower Project shows normal progress ith completion scheduled for October 7. It is estimated that both facilities, hark Valley Observation Tower and Interpretative Road will be operational by mid- ovember.

onferences and Meetings:

ydraulic Engineer Frank Nix attended the Conference on Evaluation and Implementati f the U. S. Study Commission Plan for the Southeast River Basins at the Georgi nstitute of Technology, Atlanta, Georgia September 24 and 25. The purpose of this onference was to provide a forum for a critical evaluation of the comprehensive and- and water-development plan recommended by the U. S. Study Commission (South ast River Basins) and to stimulate thought and action regarding the problems and ethods of implementing local, state, and interstate features of the plan.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1964

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1	2	3	4	5	6	7	8	9
1961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-122	3222 3/63	435 1/8/61 13,802 5/24/61 24,043 2/2/62	C & DL	Dec 61 Dec 64	90	D&C and P Planting plans not complete. Day Labor Portion: $500.00
1963	B-27-EVER Flamingo Campground Development Including Trailer Facilities, Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U-71 U-72 U-73 U-79 U-81 B-139 B-140 B-147 M-123-1 M-132-1	3220A 11/63 3236 11/63 3228A 11/63 3224A 6/63 3223A 11/63 Un-No. Sketch No Date	107,063 2/1/63 20,000 3/22/63 6,229 6/6/63 55,688 6/26/63 41,517 6/28/63 2,250 9/4/63 2,203 1/13/64 1,600 1/21/64 120,204 2/10/64 980 3/25/64 475 4/21/64	C & DL	Jan 63 Jan 65	95	D&C Invitation for Bids No. EODC-E-13-6 dated Sept. 28, 1964 to be opened October 15, for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Areas.

MONTHLY PROGRESS REPORT

Area _____

CHECK BELOW THE PROJECT USED

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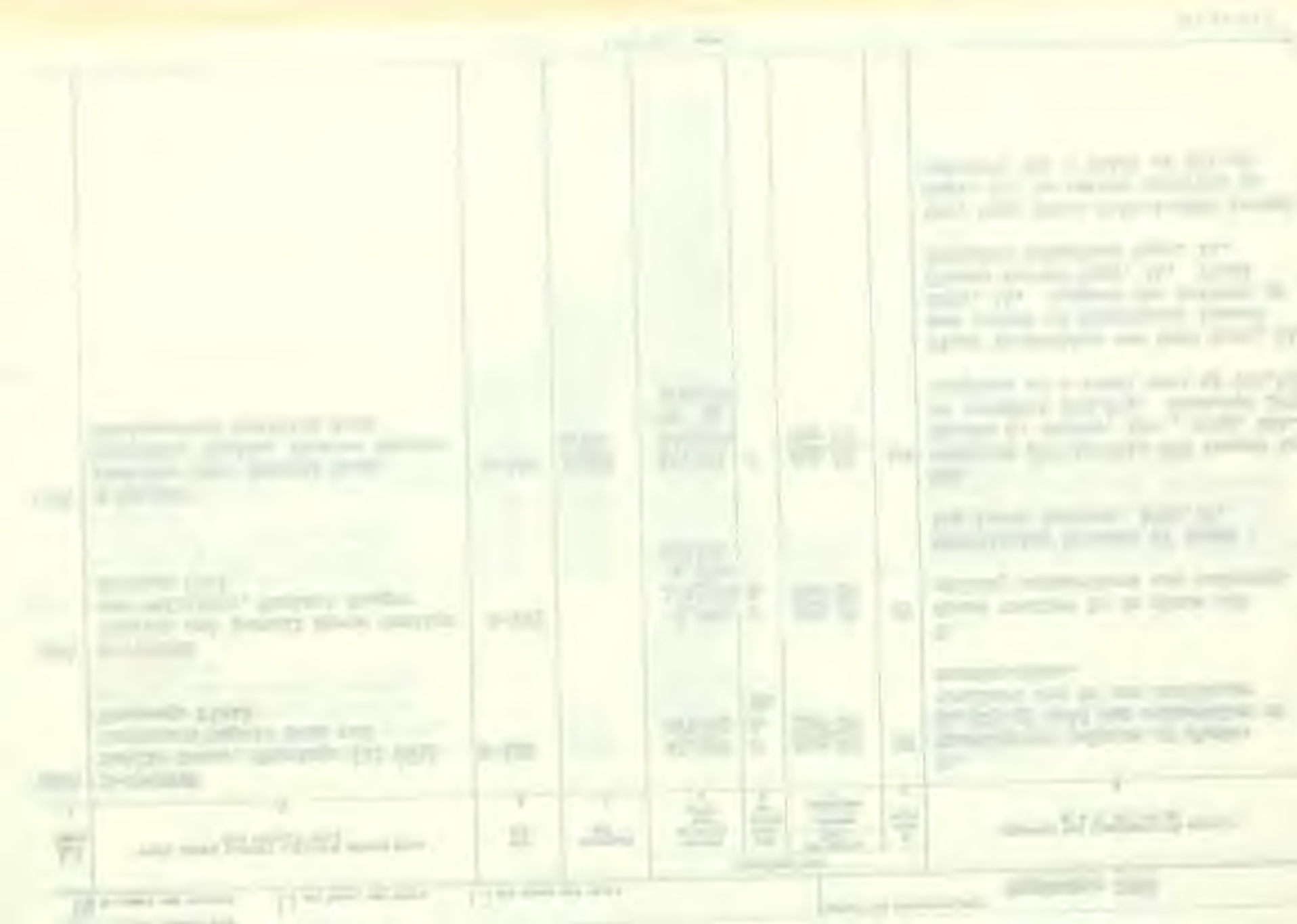
REPORT FOR (*Month and year*) September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500 2/7/63	C & DL	Mar 63 Nov 64	95	P. Unobligated balance of funds: $1,313.35 held for relocation of trailers due to new residence construction.
1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)	B-153		6,000 1/13/64 1,700 6/4/64	C &	Feb 64 Nov 64	85	P. House trailer is in place and utility connections are underway. Unobligated balance of funds - Day Labor Portion: $492.36.
1964	B-40-EVER Parachute Key: Install Lawn Sprinkler System, Visitor Center-Headquarters Building Area	B-142	3238A 2/64	10,523 6/30/64 Re 31 9/22/64	C	Jul 64 Sep 64	100	D&C Contract #14-10-0111-225 issued to Harold G. Jaffer, Inc., orig. amt. of contract $10,523. Contract 100% complete at a total cost of $10,492. Final Inspection was held Sept. 11, and Letter of Acceptance issued Sept. 11. Request for Release of Claims issued Sept. 11. Final Estimate submitted Sept. 11. Rev. Work Order B-40-1-EVER issued Sept. 15, to return underrun on contract for a total of $31.00.



MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): September 1964

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1	2	3	4	5	6	7	8	9
1965	Flamingo. Sewage System, East of Canal	U-76	3243 9/24/64	Est. 23,000 8/19/64	C	Oct 64 / Dec 64	0	D&C Program Auth. #65-23, 8/19/64 = Current Program Auth.: $23,000
1965	Flamingo: Utilities Extensions (Water & Sewer), Residential Area (Por.)	U-63-1	3243 9/24/64	Est. 8,500 8/19/64	C	Oct 64 / Dec 64	0	D&C Program Auth. #65-23, 8/19/64 = Current Program Auth.: $8,500
1965	Flamingo: Fire Protection Facilities	U-152	3243 9/24/64	Est. 1,700 8/19/64	C	Oct 64 / Dec 64	0	D&C Program Auth. #65-23, 8/19/64 = Current Program Auth.: $1,700 Invitation for Bids No. [illegible] dated 9/30/64 to be opened Oct. 15, for Sewage Disposal, Water System Extensions and Driveways, Flamingo East of Canal.
1965	Flamingo: Employee Residences (2-Bedroom), (3), Including Utility Connections and Grounds Improvements	U-136		Est. 49,800 8/19/64	C	Jan 65 / June 65	0	D&C Program Auth. #65-23, 8/19/64 = Current Program Auth.: $49,800.
1965	Parachute Key: Alteration to Visitor Center, Including Audio-Visual	U-151		Est. 27,700 8/19/64	C	Apr 65 / June 65	0	D&C Program Auth. #65-23, 8/19/64 = Current Program Auth.: $27,700

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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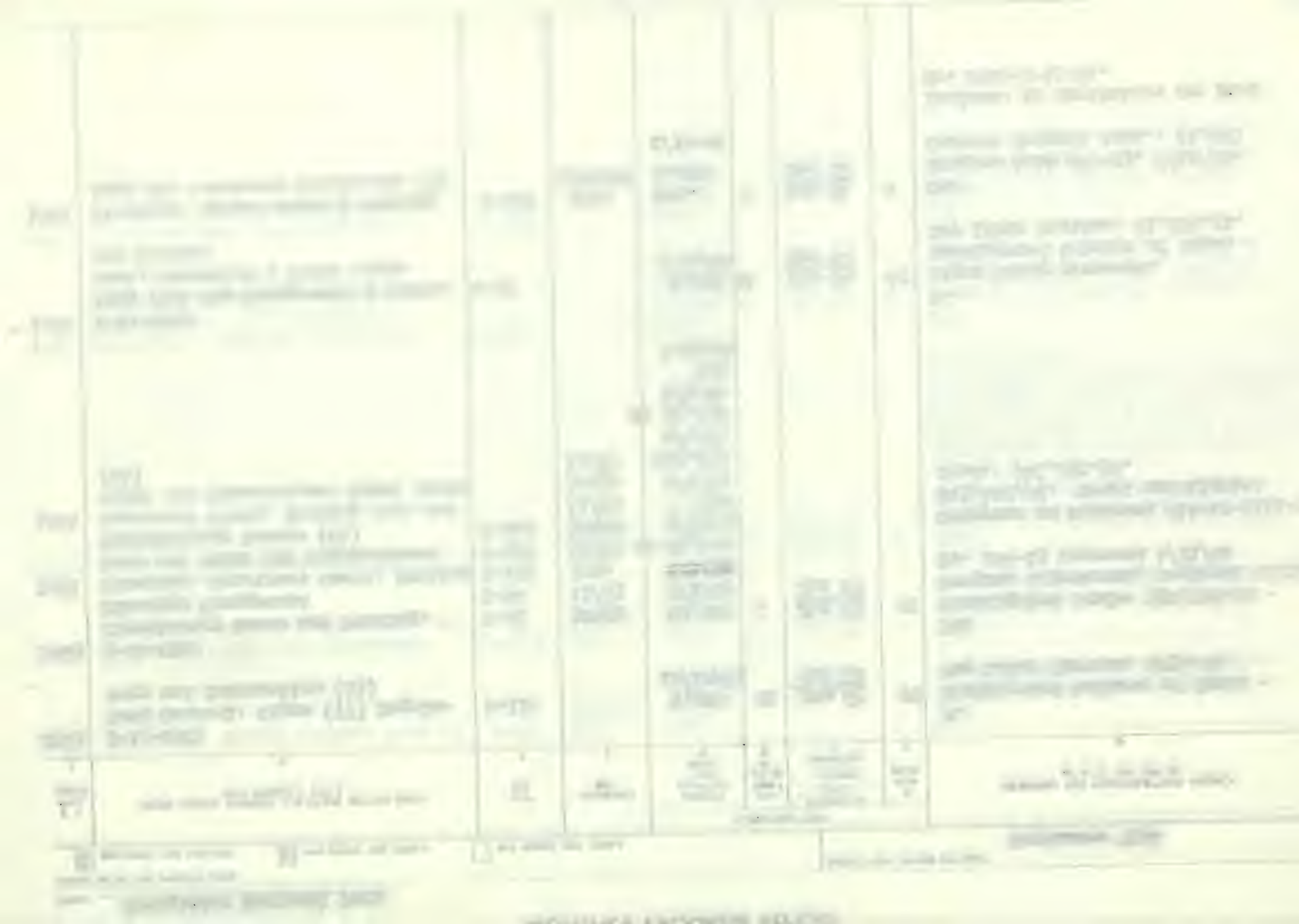
REPORT FOR (Month and year): September 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	R-13-EVER Park General: Signs (77) Regulatory and Information (63)	R-114		5,000 12/10/63	DL	Jan 63 Oct 64	98	P. Unobligated balance of funds - Day Labor Portion: $234.44.
1963	R-14-EVER Circulatory Roads and Parking, Flamingo Campground	R-91 R-94	3220A 11/63	60,000 8/1/63	C	Jan 63 Jan 65	95	D&C Unobligated funds: $32,900.00 - Program Adjustment, Regional Office No. R64-13 approved 4/21/64
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner	R-100	3236	~~5/1/63~~				
	Housekeeping Cabins (61)	R-106 R-113	11/63	Re 20,000 3/22/63				Underrun on Contract #14-10-0111-21 $13,402.98. Total unobligated funds: $46,032.98.
1964	Construct Roads, Parking Area and Walks for Concessioner Motel Units (64)		3228A 11/63	750 9/4/63 112,145 2/4/64 Re 32,096 3/2/64 400 4/22/64				
1961	R-17-EVER Long Pine Key Campground & Picnic Area, Construct & Erect Signs and Markers	R-56		2,500 2/10/64	DL	Feb 64 Nov 64	65	P. Signs being prepared. Unobligated balance of funds - Day Labor Portion: $1,689.31.
1965	Flamingo: Access Roads & Parking Area for 2-Bedroom Residences (3)	R-107	3243 9/24/64	Est. 1,000 **8/19/64**	C	Oct 64 Dec 64	0	D&C Program Auth #65-23, 8/19/64= Current Program Auth.: $1,000 Included in Invitation for Bids No. EOXC-E-15-65.



MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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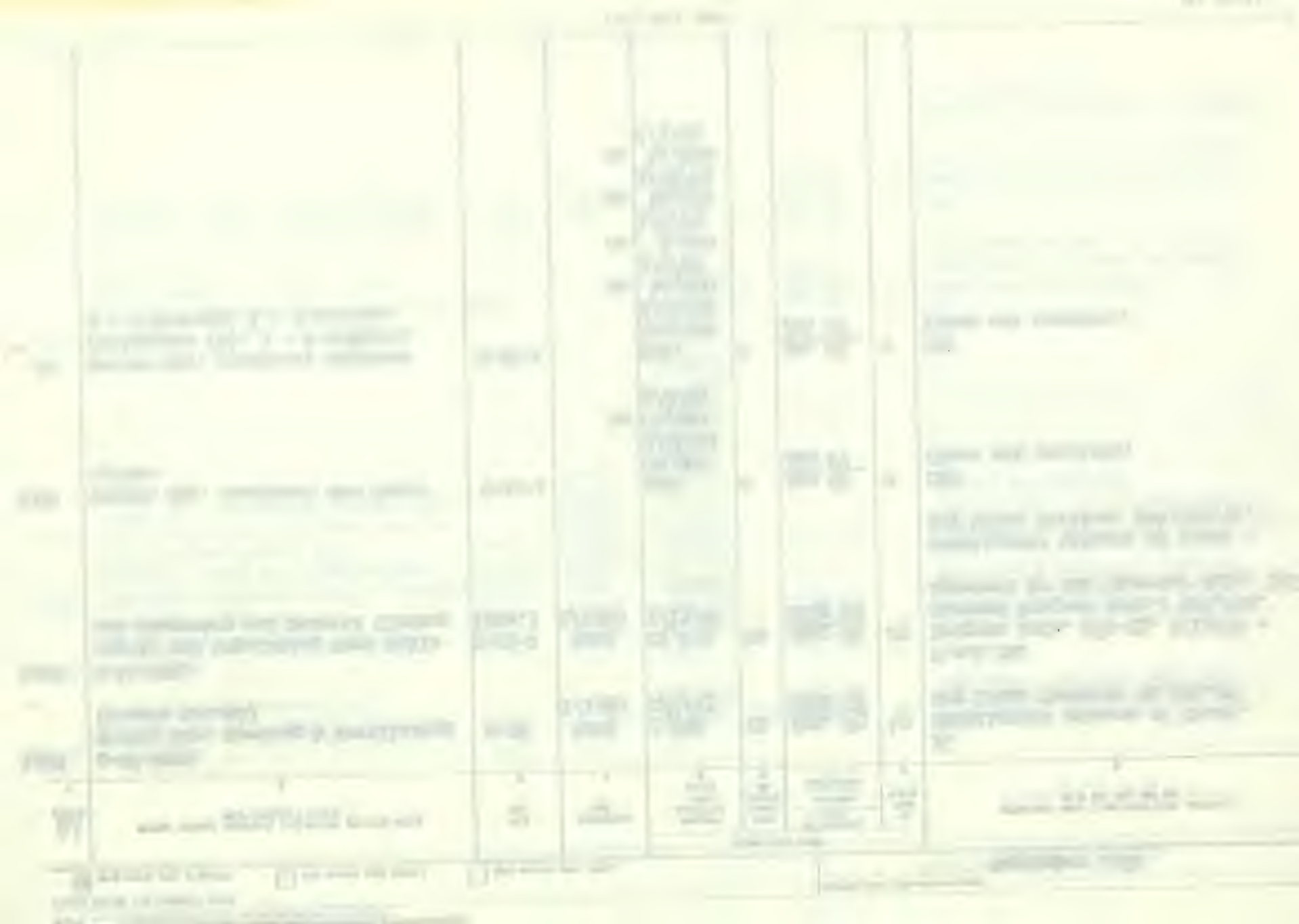
1962	B-26-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/6/63	DL	Feb. 63 Sept 65	40	P. Unobligated balance of funds, Day Labor Portion: $1,951.25
1965	B-41-EVER Repair and Repointing Fort Walls and Casemates and General Cleanup	M-27-1 (Por.)	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	20	P and D&C Program Auth. #65-23, 8/19/64 - Current Program Auth.: $27,400. Approved by the Director July, 1964 Unobligated balance of funds - Day Labor Portion: $24,056.71.
1962	Garden Key: Construct New Water System	U-15-1		Est. 60,000 8/24/61 Re 60,000 1/3/63	C	Jan 66 Jan 67	0	D&C Plans not complete.
62	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom; 1 - 3-bedroom	D-16-1		Est. 102,000 8/24/61 Re 40,000 3/9/62 Re 0,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 Jan 67	0	D&C Plans not complete.



MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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REPORT FOR (Month and year): September 1964

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1	2	3	4	5	6	7	8	9
1962	Garden Key: Construct Sewage Disposal System	U-16-1		Est. 8,600 8/24/61	C	Jan 66 / Jan 67	0	D&C Plans not complete.
			Re	8,600 3/21/64				
1962	Garden Key: Provide and Install Communication System	M-30		Est. 14,500 10/4/62	C	Jan 66 / Jan 67	0	D&C Plans not complete.
			Re	8,500 8/19/63				
			Re	3,000 11/7/63				
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 8,300 10/4/62	C	Jan 66 / Jan 67	0	D&C Plans not complete.
			Re	6,000 12/20/63				

A 28 23

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Construction of walks for the Concessioner Motel Units and Housekeeping Cabins is pending the preparation of plans for this work. Funds for this project were included in Regional Office No. R64-7 Program Adjustment.

Installation of protective device on the circular stairway at 7-Mile Fire-Observation Tower is pending receipt of the shop drawings from the fabricator.

New Construction

Project Engineer E. A. Northrop, Design and Construction Eastern Office, has completed the stakeout for the Sewage Disposal, Water System Extensions and Driveways, Flamingo - East of Canal under Contract No. 14-10-0111-229 awarded to Goodwin, Inc.

Contract No. 14-10-0111-230 in the amount of $17,550.00 was awarded to low bidder Harris Paving and Construction Company for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Areas. Work on this project will commence on or about April 1, 1965.

Harris Paving and Construction Company has started surface paving on the 7-Mile Fire Tower Road. Mr. Paul Mayrose, Design and Construction Easter Office, inspected this project during the month.

C. A. Davis, Inc. completed the installation of the three concrete slabs under the residences at Everglades, Florida.

Conferences and Meetings

Mr. W. Mikell, Regional Chief of Operations, visited the Park during the month and made on site inspections of all the areas including Ford Jefferson National Monument.

A Pre-Construction Meeting was held November 12 on Contract No. 14-10-0111-229 awarded to Goodwin, Inc. for the construction of Sewage Disposal, Water System Extensions and Driveways, Flamingo - Easter of Canal. Work on this project started November 23.

Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

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☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) November 1964

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1	2	3	4	5	6	7	8	9
1961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-122 M-[illegible] M-70	3222 3/63	435 1/0/61 13,[illegible]02 5/2/61 24,043 2/2/62 Re 9,613 11/9/64	C & DL	Dec 61 Nov 64	100	D&C and P Work Order B-16-EVER (Rev. #3) returned unobligated balance of funds in amt. of $9,613.07 to the Regional Office.
1963	B-27-EVER Flamingo Campground Development Including Trailer Facilities, Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U-71 U-73 U-72 U-79 U-81 B-139 B-140 B-147 M-129-1 M-132-1	3220A 11/63 3236 11/63 3220A 11/63 3224A 6/63 3223A 11/63	107,661 2/1/63 20,000 3/22/63 6,229 6/6/63 55,6[illegible] 6/26/63 41,517 6/28/63 2,290 9/4/63 2,203 1/13/64 1,600 1/21/64 120,104 2/10/64 980 3/25/64 4/21/64	C & DL	Jan 63 Jan 65	97	D&C and P. That portion of M-129-1 and M-132-1 (Grading, Placing Topsoil, Seeding and Fertilizing) advertised for bids under Invitation to Bid [illegible]DC-M-13-65 to be funded from P-14-EVER by authority of the Regional Office. Day Labor Portion Balance $[illegible].14

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1	2	3	4	5	6	7	8	9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132	Re	12,500 2/7/63 1,135 11/17/64	C	Mar 63 Nov 64	100	P. Project completed and Work Order B-29-EVER (Rev. 1) issued to return unobligated balance of $1,135.35 to the Regional Office
1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)	M-153		6,000 1/13/64 1,700 6/4/64 1,135 11/17/64	C & DL	Feb 64 Dec 64	90	D&C and P. Percentage of completion revised. Regional Office authorized the purchase and installation of a cabana porch to house trailer. Work Order B-37-EVER (Rev. 2) issued in the amount of $1,135 for this work.
1965	B-42-EVER: Flamingo: Sewage System, East of Canal Utilities Extension (Water and Sewer), Residential Area (Por.) Fire Protection Facilities	U-76 U-63-1 M-152	3243 9/24/64	34,373 11/17/64	C	Nov 64 Jan 65	0	D&C Contract #14-10-0111-229, Goodwin, I orig. amt. of contract $37,047.35. See Work Order B-13-EVER for balance of funds.
1965	Flamingo: Employee Residences (2-bedroom), 3, Including Utility Connections and Grounds Improvements	B-136		Est. 49,000 8/19/64	C	Jan 65 Jun 65	0	D&C Plans not complete.
1965	Parahaute Key: Alteration to Visitor Center, Including Audio-visual	M-151		Est. 27,700 8/19/64	C	Apr 65 Jun 65	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1963	R-13-EVER Park General: Signs (77) Regulatory and Informational (63)	R-114		5,000 12/10/63	DL	Jan 63 Nov 64	100	P.
1963	R-14-EVER Circulatory Roads and Parking, Flamingo Campground	R-91 R-94 R-102	3220A 11/63 3236	60,000 3/1/63 20,000	C & DL	Jan 63 Jan 65	95	Bids were opened October 30. 3 bids received. Contract #14-10-0111-230 awarded to low bidder Harris Paving and Construction Co., 4275 S.W. 73rd Ave., Miami, Fla. in the amount of $17,550.00 for Grading, Placing Top-soil, Seeding and Fertilizing.
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (61)	R-106 R-113 R-129	11/63 3223A 11/63	3/22/63 750 9/4/63				
1964	Construct Roads, Parking Area and Walks for Concessioner Motel Units (64)	R-132 R-147	3223A 11/63 Sketch Re Un.-No.	112,145 2/4/64 32,096 3/2/64 400 4/22/64 4,147				R-14-EVER (Rev. #6) issued to provide balance of funds required for contra in amt. of $4,147.00. Total unobligated funds: $[illegible]
1951	R-17-EVER Long Pine Key Campground & Picnic Area, Construct & Erect Signs and Markers	R-56		2,500 2/10/64	DL	Feb 64 Dec 64	96	P. Unobligated balance of funds - Day Labor Portion: $313.40
1965	R-15-EVER Flamingo Access Roads & Parking Area for 2-bedroom Residences (3)	R-107 (Por.)	3243	2,675 10/29/64	C	Nov 64 Jan 65	0	DOC Contract #14-10-0111-227, Goodbrie, I orig. amt. of contract $37,047.50. See R-42-EVER for balance of funds.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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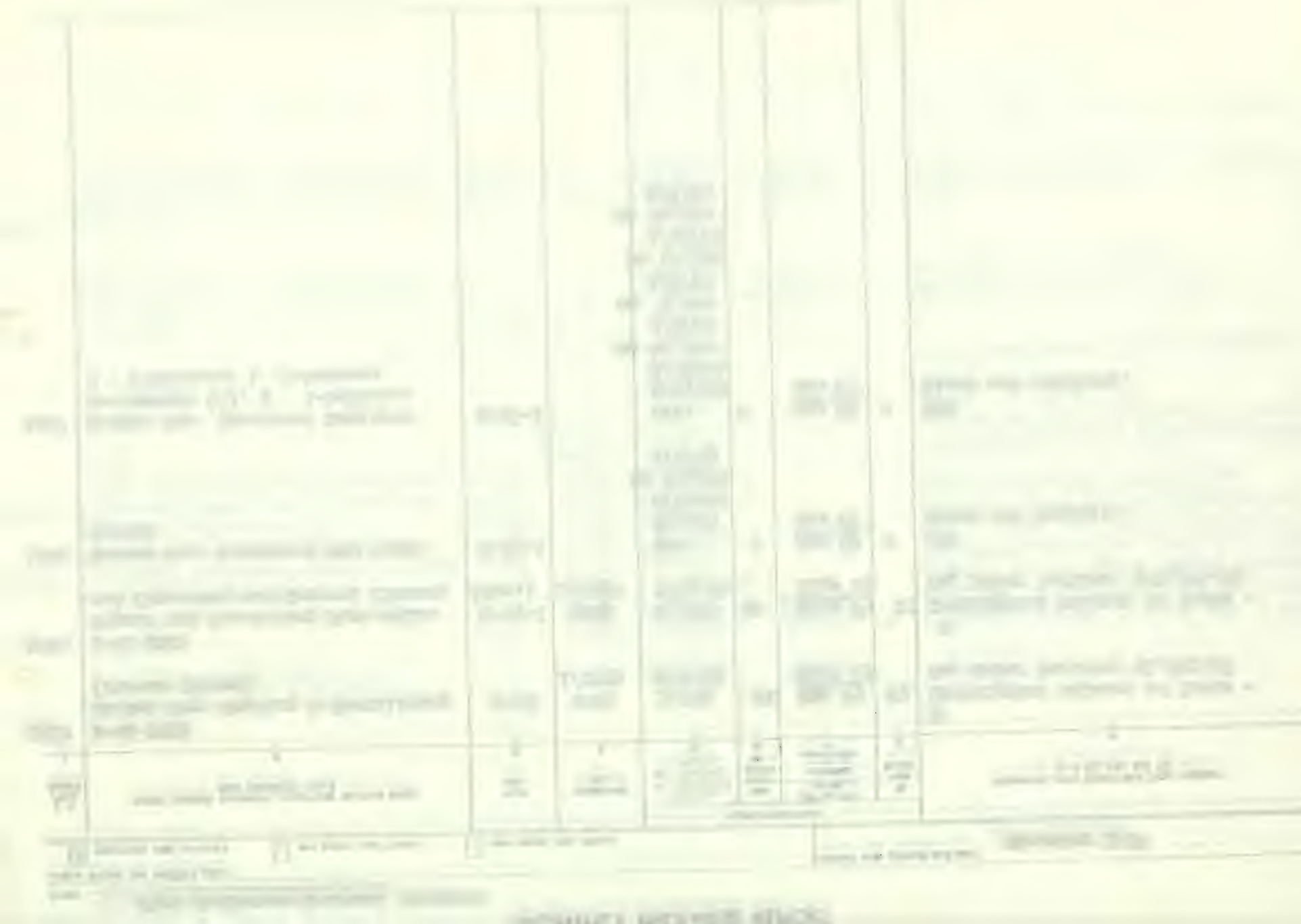
1	2	3	4	5	6	7	8	9
1962	B-26-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	N-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sept 65	42	P. Unobligated balance of funds - Day Labor Portion: $1,825.35
1965	B-41-EVER Repair and Repointing Fort Walls and Casemates and General Cleanup	N-27-1 (Por.)	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	23	P. Unobligated balance of funds - Day Labor Portion: $20,660.52
1962	Garden Key: Construct New Water System	U-15-1		Est. 60,000 8/24/61 Re 60,000 1/8/63	C	Jan 66 Jan 67	0	D&C Plans not complete
1962	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom; 1 -3-bedroom	B-16-1		Est. 102,000 8/24/61 Re 40,000 3/9/62 Re 8,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 Jan 67	0	D&C Plans not complete.



MONTHLY PROGRESS REPORT

Area Fort Jefferson National Monument

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1962	Garden Key: Construct Sewage Disposal System	U-16-1		Est. 8,600 8/24/61 Re 8,600 3/21/64	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Provide and Install Communication System	U-30		Est. 14,500 10/4/62 Re 8,500 8/19/63 Re 3,000 11/1/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 8,300 10/4/62 Re 6,000 12/20/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Douglas National Park

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1964	APW-64-2-EVIII Construct Fire Lookout Tower, 7-Mile Tower, Comfort Station and Utilities for Fire Tower	B-134	3231 12/1963	104,300 10/29/64 7,180 1/31/64	C	Nov 63 Nov 64	100	D&C Contract #14-10-0111-215, Avant Construction Co., orig. amt. of contract $90,400. Change Order No. 1 dated Oct. 30 changed completion date from Oct. 7 to Oct. 25. Letter of Acceptance issued Nov. 4. Request for Release of Claims issued Nov. 23. Final Estimate submitted Nov. 19.
1964	APW-64-3-EVIII Construct Road to 7-Mile Fire Tower	R-34-1	3234 12/1963	230,565 1/31/64 12,040 1/31/64	C	Feb 64 Dec 64	80	D&C Contract #14-10-0111-214, Harris Paving and Construction, orig. amt. of contract $23[illegible],565.75. Change Order No. 4 dated Nov. 5 changed completion date from Nov. 9 to Nov. 7. Change Order No. 5 dated Nov. 13 changed completion date from Nov. 17 to Dec. 12. Change Order No. 6 dated Nov. 13 changed completion date from Dec 12 to Dec. 23. Unobligated balance - $350.27.

Summary of the October 1964 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Average. Little hurricane damage	1
Travel:	Increased 24% - Camping increased 120%	1
Visitors:	27 foreign countries represented; 46 States; 3 Canadian Provinces, plus many individuals visiting at Headquarters	1
Special Activities:	Varied	2
Miscellaneous:	2 births; farewell party for two families.	2
ADMINISTRATION:	Supt. informed of hearing on contract Hearing held October 27. Wm. Taylor promoted and transferred to WASO. Other personnel actions as well	3
CONSERVATION, INTERPRETATION & USE:	Exhibit material for new Shark Valley Loop Road begun. New signs and exhibits for Anhinga and Gumbo Limbo trails readied. Party discharging firearms in Long Pine Key apprehended at Flamingo. Case investigated of father holding young son in child custody suit. 31 Stone Crab permits issued to cover 8,590 traps. Fire Prevention Week observed in many activities. Flamingo concessioner has personnel changes in key positions.	
RESOURCE PLANNING:	Supt. informed of land transfer. Many hours spent by Supt. and Staff planning for meeting with Director and Corps of Engineers	
PUBLIC AFFAIRS:	Hurricane Isbell cancelled plans for State and other officials to weekend at Lostmans River.	
DESIGN & CONSTRUCTION:	Florida Power and Light completed location surveys for overhead electrical lines to missile site in "Hole-in-the-Doughnut". Preliminary plans for modification of the Parachute Key Visitor Center reviewed. Work expected to begin about mid-November on utilities and paving east of canal, Flamingo. Mr. Nutt of EODC visited area	

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

for
EVERGLADES NATIONAL PARK

October 1964

General

Weather Conditions: Cool, pleasant days appeared with increasing frequency during the month. The Mangrove District was brushed by Hurricane Isbell on October 14 with winds of 60 MPH but no damage or injury resulted. Gusty North and West winds were common and small craft warnings were displayed for seven days during the month. The eye of the hurricane passed directly over Everglades City on the afternoon of October 14 with damage confined mainly to trees and other plantings in town and only slight damage to buildings and roofs. Park facilities at Lostman's River Patrol Station were slightly damaged but no damage occurred to the boat basin. The quarters at Everglades City received some damage and one boat was slightly damaged. In the latter half of the month, surface water tables had risen to permit airboating in places inaccessible in the early part of October. The greatest amount of rainfall for a single day during the month was 3.34 inches at the Tamiami Ranger Station on October 14. Temperatures varied from 92° at Tamiami to 54° at Everglades.

Comparative readings at Taylor Slough (bridge):

October 31, 1964	5.43'
October 31, 1963	4.50'
September 30, 1964	4.72'

Increase in Travel: During October - 43,698 people entered the Park as compared with 35,123 for October 1963. This was an increase of 24% over last year. Travel in the Gulf Coast decreased 3% as a result of Hurricane Isbell which passed over that area on October 14. Camping use increased approximately 120% over October 1963.

Visitors: Visitors from 27 foreign countries, 3 Canadian provinces, and all states except Alaska, Hawaii, Nevada, New Mexico, North Dakota and Wyoming were represented by visitors to the Park this month. -

Captain B. E. Hendrix, State Board of Conservation, Ft. Myers, Florida
Sgt. J. O. Brown, State Board of Conservation, Ft. Myers, Florida
Mr. Punisa Perovic, Chairman of Committee for Higher Education, Yugoslavia
Mr. August Burghard, Fort Lauderdale, Florida
Mr. Tom Shirley, District Chief Wildlife Officer, Florida Fish and Game Commission

List of Visitors: (Continued)

Mr. Buckley, Administrative Asst. to Congressman Dante Facell
Mr. and Mrs. Pepper, Miami, Associates of Congressmen Facell and Pepper
Mr. John Johnston, Asst. Supt., Coral Reef State Park
Mr. Morrison, Tampa newsman
Dr. Williams, US Public Health Service
Dr. Chamberlaine, US Public Health Service, Atlanta, Ga.
Mr. Gibson Johnson, US Public Health Service, Atlanta, Ga.
Mr. & Mrs. Don Nutt, EODC
Mr. John Pennekamp, Assoc. Editor, The Miami Herald, Miami, Florida
Mr. William H. Massman, Sports Fishing Institute, Washington, D. C.
Mr. Allen K. Keller, sports writer, New York World Telegram
Mr. John Crisco, Naturalist, Mammoth Cave
Mr. MacGregor Smith, President, Florida Power & Light Co.
Mr. Ed Eden, US Army Corps of Engineers, Jacksonville, Florida
Mr. D. E. Ferguson, newsman, Associated Press, Miami, Florida
Mr. C. W. Zmuda, Sheriff's Office, Miami, Division Chief
Mr. M. Corbett, Park Service, Washington, D. C.
Mr. Richard J. Wade, Civil Defense Coordinator, Miami Civil Defense
Messrs. Rochette, Bonnaud, Vian, Gautier - French engineers, Paris, France
Mrs. C. W. Heine, National Park Service, Washington, D. C.
Mr. R. C. VanElten, Biologist, Trenton, New Jersey
Mr. Red Marston, St. Petersburg Times, St. Petersburg, Florida
Mr. J. F. Brooks, Monroe County Library, Key West, Florida
Mr. & Mrs. Robert Cooney, Chief of Lands & Development Div., Montana Fish & Wildlife
Mrs. Hackett with group of boys from South Africa
Mr. Jim Bennett, surveyor from Schwebka-Shiskin Associates
May Hill Bussell, Monroe County Library, Key West, Florida
Mr. John J. Hynes, Washington, D. C.
Mr. H. R. Parfitt (Colonel) US Army Corps of Engineers, Jacksonville, Fla.
J. J. Koporski, Civil Engineer, US Army Corps of Engineers, Jacksonville
Mrs. L. O. Bruce, Old Island Restoration, Key West, Florida
Mrs. C. H. Rice, Old Island Restoration, Key West, Florida
Patti Altland, Old Island Restoration, Key West, Florida

Special Activities: The Management Assistant and the Everglades District Ranger attended a meeting of the Collier County Port Authority Committee in Naples on October 24 to discuss the airport at Everglades.

Protection personnel participated in the demonstration of Park fire equipment at the Civil Defense Center in Miami on October 7 and 8.

On October 25, Asst. Supt. Carroll A. Burroughs departed for Harpers Ferry, West Virginia where he will participate in the 7th Management Development Seminar.

Miscellaneous: A daughter was born to Ranger-Naturalist Bruce Sloane and wife Joy on October 7. Naturalist Sloane was on weeks vacation during the month.

A son was born to Ranger and Mrs. Kenneth O. Morgan, Jr. on October 11.

A fish fry was held at the Flamingo Shop on October 21 in honor of Park Engineer James F. Wolfe who is transferring to New York City National Park Service Group, New York, New York.

Upon George Schesventer's acceptance of a promotion and transfer to George Washington Birthplace, Virginia, where he will serve as Management Assistant, a farewell coffee was given at Park Headquarters for the Schesventers and the Wolfes.

Administration

Management Analysis: On Monday, the Superintendent, Park Engineer and Administrative Officer met with Mr. William T. Corbett of the Solicitor's Office in a pre-hearing conference on the Kennedy Construction Co. Mr. John J. Hynes was the hearing official. On October 27 Mr. R. T. O'Dell, General Supply Specialist and Mr. Edward M. Ghezzi, Project Supervisor accompanied the other members to the formal hearing on this same contract. A decision is pending.

Personnel: Accessions: CHRISTENSEN, Carl S., returned to duty from military furlough and was assigned to the position of Supervisory Park Ranger, No. 72, at Flamingo, GS-453-7.
Separations: TAYLOR, William M. was promoted and transferred to Washington Office as Publications Editor, GS-9 effective 10-11-64.
Changes: ROSS, Malcolm M., Jr. who held an excepted appointment as Park Ranger (Naturalist) IGS-453-4 was adjusted to full time from WAE, effective 10-25-64.
CUNNINGHAM, Richard L. was promoted to Supervisory Park Ranger, GS-453-7 effective 10-25-64.

Supervisory Park Ranger Zeb V. McKinney was on a week special assignment at Fort Jefferson National Monument where he served as Acting District Manager during the absence of the District Manager.

Conservation, Interpretation and Use

Interpretive Facilities: During the month, work progressed on exhibit material as well as on signs and markers to be installed along the Shark Valley Loop Road. Two lift exhibits were refurbished and reinstalled on the trails. Exhibits for the Gumbo Limbo and Anhinga Trails are being readied for installation as are the refurbished exhibits for Pay-hay-okee.

Interpretive Services: Total visitor contacts for this month were 56,843. While there was an increase in Park use, it did not reach the level anticipated. This was due in part to the hurricane and the easterly wave. The rains also precipitated a new brood of mosquitoes which made the Gumbo Limbo and Mahogany Hammock trails rather uninviting.

Naturalist Vincent J. Mrazek was absent the entire month on annual leave and attending the Stephen T. Mather Training Center. Naturalist Bruce C. Sloane was on annual leave for three weeks; thus the interpretive programs

at Flamingo had to be curtailed to some degree. Naturalist Cunningham served as Acting District Naturalist during this time.

On October 10, District Ranger Stokes of the Gulf Coast District, made a trip on sightseeing boat tour with a group of 40 children from Naples, Fla. On the same day he gave a short talk to 35 members of the Tropical Audubon Society.

Ranger Kenneth O. Morgan, Jr. gave a talk on wildlife to Everglades, Fla. school 4-H Club and is helping the members of the Club on a wildlife project.

Research and Observations: Before the rise of water during the latter half of the month, alligator movements into the Shark Valley moat were noted. Large flocks of white pelicans and wood ibis began to appear in the Mangrove District area during early October. Rafts of coots were seen at West Lake. Roseate spoonbills are returning to Florida Bay. Large flocks were reported at Barns, Tern and North Nest Key, also at Cowpens Cut and Porjoe Key.

The rains produced by the October storms raised the water levels in the Park and will serve to bring about the normal fall accumulation and concentration of aquatic life in the permanent water holes. Water passing through the culverts is loaded with the smaller fish such as gambusia, etc.

The passage of Hurricane Isbell across the western and northern areas of the Park seemed to have had little effect on the Flamingo and Royal Palm areas. Many of the trees along Bear Lake and Snake Bight Roads, killed by Hurricane Donna and still standing, were either blown down or had branches broken off. No destruction of wildlife or displacement of pelagic birds was noted.

During the recent Fall migration, Naturalist Cunningham added three new species of birds to the Park list - Wilson's Phalarope, Philadelphis Vireo, and Chestnut-sided Warbler.

Quite a number and variety of birds are now in evidence along the Park road and in the Taylor Slough area.

Protection: Patrol mileage for the month was as follows: Vehicles, 11,346; Airboats, 389; Weasel, 2; Boats, 2,385.

Several warning citations were issued; one case of discharging firearm in the Long Pine Key campground was investigated and the guilty party was apprehended at Flamingo.

Work was completed on the coming hunting season signs and regulations pertaining to permits to transport firearms through the Park.

Regular contact was made throughout the month with contractors at work on the Missile site in the "Hole-in-the-Donut".

Nine charter boats were inspected for compliance with new safety regulations, bringing our total of 23 boats inspected and passed. Thirty-nine non-commercial boats were checked during the month.

Two boat search and rescues were effected by protection personnel during October.

One case was investigated in which a man was holding his young son at Flamingo as a result of a divorce and child custody suit. The Park's responsibilities were discharged when the child was taken by Metro Juvenile officers and returned to his mother. Narrative reports on the matter were submitted to the Personnel office and The Chief Ranger's office.

Stone Crab season was off to a slow start due to heavy winds caused by the hurricane during mid-October. Stone Crabs are in demand and several new permits were issued along with regular ones. To date, 31 permits, representing 8,590 traps have been issued to Keys-based stone crabbers. This is an average of over 277 traps per fisherman.

Fire Protection: In connection with Fire Prevention Week (Oct 4-10) Protection personnel engaged in a wide variety of activities connected with fire prevention. During this week Superintendent Joseph, Chief Park Ranger Branges and Asst. Chief Ranger Maxwell participated in a consolidated display of fire apparatus at Miami Civil Defense Center. The Park demonstrated 4 units, including the new Bombardier digging a well at a fire site, while a narration of just how and when this equipment was used was given by Asst. Chief Ranger Maxwell. Oct 9 - Fire Prevention talk given by FCA Guardipee and Ranger McKinney at the First Methodist Church in Homestead. Oct 9 - Fire Brigade drill at Pine Island. Oct 10 - Talk and fire equipment demonstration for Cub Scout Pack #216 from Miami.

On October 24, a building fire occurred at Room 105 in the new motel units at the Flamingo Lodge, apparently by a defective air conditioner. The fire gutted the room and the adjoining room received smoke damage. Prompt action by protection and maintenance personnel prevented more serious damage to the building.

Maintenance: A contract was let, completed, and accepted to replace slabs in residences in Gulf Coast District.

Concessioner: Richard Phelan, Everglades Park Co., Inc., Resident Manager, two motel managers and one marina manager were relieved of duties on October 1. Paul Kelly is acting as Resident Manager on a temporary basis.

Six of the Flamingo cottages were opened for use by Park visitors on October 30. Conferences were held on October 17 with Superintendent Joseph and EODC representative Nutt, regarding the proposed construction of showers at the Flamingo campground.

Ranger Stokes and the Everglades, Florida concessioner checked on possible temporary buildings and sanitary facilities which might be used if concessioner moved to the National Park Service boat basin area.

Resource Planning

Status of Private Lands: On October 3 Superintendent Joseph was advised that Public Law 88-588 of the 88th Congress (S2082) transferred to the Department of the Interior 4,420 acres of land in the Hole-in-the-Donut" from the Farmers Home Administration.

Water Resources: Many hours were spent by the Superintendent and staff in planning for the meeting of the Director with the Corps of Engineers in Jacksonville on November 16. Much of this same material will also be used for the Advisory Group which will be in the Park November 4-8.

Hydraulic Engineer Nix and Collaborator Dr. Craighead went on airboat trip to Taylor Slough to study factors contributing to the good surface water tables in that region.

US Geological Survey personnel activated their new Hydro-Ecologic Station, P-101 (Ground and Surface Water) on October 6. This station is just south of the newly drilled artesian well on the old road near Anhinga Trail.

Cooperation with other Federal, State or Local Agencies: The U. S. Public Health Service, U. S. Fish and Wildlife Service, University of Miami Marine Lab., and USGS had teams in the area and were assisted as needed by protection personnel.

William Garn, US Border Patrol was in the area to check on citizenship of Everglades Park Company employees.

Protection personnel assisted a survey crew from Florida Power and Light who surveyed area for putting in a future power line from the Aerojet Road west across Taylor Slough to the old Ingraham Highway. The line will provide power to the new Missile site in the Hole-in-the-Donut.

On October 16, Dr. Craighead, collaborator, and Dr. Kolpinski (USGS) visited ganging stations P-33 35- and 38 where new ecological study plots have been set up by the USGS.

Public Relations: Once again the plans for John Pennekamp, Assoc. Editor of The Miami Herald, Robert B. Knight, President, Everglades Park Co., Inc. and State officials to spend a weekend at Lostmans River Patrol Station were cancelled. The threat of Hurricane Isbell made the outing impracticable.

On October 24, a Yugoslavian State Department group was escorted on a round trip to Flamingo.

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DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

The Florida Power and Light Company has completed the location surveys required for applying for a Special Use Permit for constructing overhead electrical transmission lines across Park lands to private lands within the Park boundaries.

Preliminary plans were reviewed this month for the modification to the Parachute Key Visitor Center and for employees residences (3) Flamingo. Mr. Edward Ghezzi will design and supervise the construction of both projects by special arrangements with EODC.

New Construction

The project for Utilities and Paving East of the Canal, Flamingo has been awarded to Goodwin, Inc., 6801 S. W. 81st Street, South Miami, Florida in the amount of $37,047.50. Work is expected to begin on or before November 16, 1964.

Bids were received this month for Grading, Placing Topsoil Seeding and Fertilizing, Flamingo, the Campground Extension. The low bidder was Harris Paving and Construction Company, Inc., P. O. Box 7546 Ludlum Station, Miami 55, Florida in the amount of $[illegible] 550.00.

C. A. Davis, Inc. of Hialeah, Florida was awarded the maintenance project for replacing three concrete slabs under the residences, Everglades, Fla. EODC prepared the structural design for this work.

Conferences and Meetings

Mr. Don Nutt of EODC visited Everglades to assist in the final inspection of the Shark Valley Observation Tower. Mr. Nutt also visited Fort Jefferson National Monument, Everglades, Florida, Key Largo and the Headquarters Building to examine the sites proposed for future work.

Stanley C. Joseph
Superintendent

Monday
Surface [illegible] for Have You Seen
Steer Nagent Bud Maynard EODC inspect [illegible]
change Spiral Stairway into the [illegible]
Parkhurst Cabin

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1961	B-16-EVER Long Pine Key Campground & Picnic Area Facilities, Tables, Benches, Fireplaces, Drinking Fountains, Garbage Cans, Grading, Seeding and Planting	M-122	3222 3/63	435 1/8/61 13,002 5/24/61 24,043 2/2/62	C & DL	Dec 61 Dec 64	90	D&C and P Planting plans not complete. Day Labor Portion: $500.00
1963	B-27-EVER Flamingo: Campground Development Including Trailer Facilities, Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U-71 U-72 U-73 U-79 U-81 B-139 B-140 B-147 B-129-1 B-132-1	3220A 11/63 3236 11/63 3228A 11/63 3224A 6/63 3223A 11/63 Un-No. Sketch No date	107,063 2/1/63 20,000 3/22/63 6,229 6/6/63 55,688 6/26/63 41,517 6/2? /63 2,250 9/4/63 2,203 1/13/64 1,600 1/21/64 120,204 2/10/64 980 3/25/64 475 4/21/64	C & DL	Jan 63 Jan 65	15	D&C Addendum No. 1 dated Oct. 15, 1964 issued to Invitation for Bids No. EODC-E-13-65 changed date of openin from Oct. 15 to Oct. 26; contract t be awarded prior to Dec. 1; and Notice to Proceed to be issued on o about April 1, 1965. This change was made for more favorable weather conditions during planting. Day Labor Portion balance: $1,573.

* GPO : 1963 O - 645845

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-29-EVER Mobile Homes, Flamingo (2) (63) Construct Septic Tank and Drainage Field	B-132		12,500 2/7/63	C	Mar 63 Nov 64		P. Unobligated balance of funds: $1,135.35
1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)	M-153		6,000 1/13/64 1,700 6/4/64	C & DL	Feb 64 Nov 64	100	P.
1965	B-42-EVER Flamingo: Sewage System, East of Canal Utilities Extensions (Water and Sewer), Residential Area (Por.) Fire Protection Facilities	U-76 U-63-1 M-152	3243 9/24/64	34,373	C	Nov 64 Jun 65	0	D&C Invitation for bids #EODC-E-15-65 were opened Oct. 15. 2 bids were received. Contract #14-10-0111-229 was awarded to low bidder Goodwin, 6801 S.W. 81st St., Miami, Fla. for a total amt. of $37,047.50. Work Order B-42-EVER was issued in amt. of $34,372.50. (See Work Order R-18-EVER for balance of funds.)
1965	Flamingo: Employee Residences (2-Bedroom), (3), Including Utility Connections and Grounds Improvements	B-136		Est. 43,000 8/13/64	C	Jan 65 Jun 65	0	D&C Plans not complete.
1965	Paraclute Key: Alteration to Visitor Center, Including Audio-Visual	M-151		Est. 27,700 8/13/64	C	Apr 65 Jun 65	0	D&C Plans not complete.

* GPO : 1962 O - 645045

GPO 941102

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1964

F.Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	B-13-EVER Park General: Signs (77) Regulatory and Information (63)	R-114		5,000 12/10/63		Jan 63 Nov 64	98	P.
1963	B-14-EVER Circulatory Roads and Parking, Flamingo Campground	R-91	3220A	60,000	C	Jan 63	95	D&C Total unobligated funds: $46,032.90
		R-94	11/63	8/1/63		Jan 65		
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (61)	R-102	3236	Re 20,000				
		R-106	11/63	3/22/63				
		R-113	3228A	750				
1964	Construct Roads, Parking Area and Walks for Concessioner Motel Units (64)		11/63	9/4/63				
			3223A	112,145				
			11/63	2/4/64				
				Re 32,896				
				3/2/64				
				400				
				4/22/64				
1961	B-17-EVER Long Pine Key Campground & Picnic Area, Construct & Erect Signs and Markers	R-56		2,500 2/10/64	DL	Feb 64 Nov 64	67	P. Unobligated balance of funds - Day Labor Portion: $1,000.00
1965	B-15-EVER Flamingo Access Roads & Parking Area for 2-Bedroom Residences (3)	R-107 (Por.)	3243 9/24/64	2,675	C	Nov 64 Jan 65	0	D&C Contract #14-10-0111-229, Goodwin, Inc., orig. amt. of contract $37,047.50 Work Order B-15-EVER issued in amt. of $2,675.00. (See Work Order B-42-EVER for balance of funds.)

* GPO : 1962 O - 645945

GPO 941102

Area Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) October 1964

F. Y PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1962	B-25-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-25	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sept 65	41	P. Unobligated balance of funds, Day Labor Portion: $1,634.36
1965	B-41-EVER Repair and Repointing Fort Walls and Casemates and General Cleanup	M-27-1 (Por.)	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	21	P. Unobligated balance of funds - Day Labor Portion: $21,990.00
1962	Garden Key: Construct New Water System	U-15-1		Est. 60,000 8/24/61 Re 60,000 1/8/63	C	Jan 66 Jan 67	0	D&C Plans not complete
1962	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom; 2 - 2-bedroom; 1 - 3-bedroom	U-16-1		Est. 102,000 8/24/61 Re 40,000 3/9/62 Re 8,000 1/8/63 Re 12,500 1/16/63 Re 41,500 6/7/63	C	Jan 66 Jan 67	0	D&C Plans not complete.

☆ GPO : 1962 O 645945

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Garden Key: Construct Sewage Disposal System	U-16-1		Est. 8,600 8/24/61 Re 8,600 3/21/64	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Provide and Install Communication System	M-30		Est. 14,500 10/4/62 Re 8,500 8/13/63 Re 3,000 11/7/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.
1962	Garden Key: Construct Fire Protection System	U-17-1		Est. 6,300 10/4/62 Re 6,000 12/20/63	C	Jan 66 / Jan 67	0	D&C Plans not complete.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

ACCELERATED PUBLIC WORKS

CHECK BELOW THE PROJECT USED

[X] BUILDINGS AND UTILITIES [X] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C). (R). OR (A) 9
1964	AP?-64-2-EVER Construct Fire Lookout Tower, 7-Mile Tower, Comfort Station & Utilities for Fire Tower	B-134	3231 1/1964	104,300 10/29/64 7,180 1/31/64	C	Nov 63 Oct 64	90	D&C Contract #14-10-0111-215, Avant Construction Co., orig. amt. of contract $90,400
1964	AP?-64-4-EVER Construct Road to 7-Mile Fire Tower	R-34-1	3234 12/1963	239,565 1/31/64 12,043 1/31/64	C	Feb 64 Nov 64	60	D&C Contract #14,-10-0111-214, Harris Paving and Construction Co., orig. amt. of contract $230,565.75.

* GPO : 1963 O - 645845

A2823

w/pictures

Summary of the November 1964 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

GENERAL: Page

Weather: Water levels slighely higher. Little rainfall. 1

Travel: Up 15% for month. Up 21% for 11-month period. 1

Visitors: One foreign. NPS Advisory group. USGS group. 2

Special Activities: H. Reese Smith and party at Fahkathatchee Strand. Asst. Superintendent to Gulf Coast Mosquito Control Meeting, Lafayette, La. 3

Miscellaneous: Superintendent and Mrs. Joseph, Management Assistant and Hydraulic Engineer all on leave part of month. First Aid class begun. Farewell luncheon for Accounting Officer Buck. Ranger Aides Trained by Park Naturalist. 3, 4

ADMINISTRATION: Accounting Officer resigned. Park Engineer transferred. Ranger Schesventer promoted and transferred. Beverly A. Russell, Naturalist Secretary, wed Richard F. Hite, Ranger. Asst. Superintendent attended Personnel Management Seminar. Chief Park Ranger left to attend General Administrative Training Conference. Acting Park Engineer left to attend course Orientation for Professional and Administrative Personnel. 4

CONSERVATION INTERPRETATION AND USE: Interpretative material for Shark Valley Loop Road constructed. 4
Several groups given special talks and walks. Night programs at Flamingo crowded. Good bird show at Coot Bay. Gannet sighted. Some Park waters closed to boating and fishing. Fire & Administrative Training School held. 5

RESOURCE PLANNING:	Advisory Committee for National Science in Park. Meeting with Corps of Engineers on 19th.	7
PUBLIC AFFAIRS:	U. S. Senator and Mrs. Olin D. Johnston in Park for a week. 68 members of U. S. Geological Society spent 2 days in Park. Special Auto-cade given 45 members of Florida Tropical Audubon Society.	8

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

November 1964

General

Weather Conditions: Rainfall for November was below normal throughout the Park. After one of the busiest hurricane seasons in recent years, November ran its course with no further storm threats. Although water levels in the glades dropped considerably, they remained slightly higher than a year ago, as is reflected in the readings. Heaviest rainfall for a single day was 1.06 inches recorded at Pine Island, on November 25. Small craft warnings were displayed on three days. Normal temperatures prevailed for the month.

Comparative Taylor Slough water level readings:

November 30, 1964	4.63'
November 30, 1963	3.80'
October 31, 1964	5.43'

Temperatures varied from a low of 56° at Everglades to a high at 87° at Tamiami Ranger Station and Everglades during the month.

Increase or Decrease in Travel: This month 69,105 people entered the Park as compared with 60,132 for November 1963. This is an increase of 15%. The figure for the first eleven months of 1964 shows a 21% increase over the similar 11-month period for the preceeding year. A 21% increase is shown over the 11-month period of 1963.

Campground use at both Long Pine Key and Flamingo also showed increases.

Visitors: Forty-six of the 50 states were represented in the November visitation to the Park. Also represented were 20 foreign countries and all ten Canadian Provinces.

List of visitors include:

Mr. Earl E. Beasley, Engineering Tech, Earth & Planetary Sciences Div., Dept. of the Navy, China Lake, California
Dr. Walter Auffenberg, Florida State Museum, Gainesville, Florida
Mr. Saul Schiffman, Naturalist, Blue Ridge Pkwy, North Carolina
Mr. Daird W. Scholl, Oceanographer, Earth & Planetary Sciences Div., Dept. of the Navy, China Lake, California
Mr. Keith Argon, U. S. Forest Service, Washington, D. C.
Mr. Tom Shirley, Miami Area Supervisor, Florida Game & Fish Commission
Mr. Sigurd Olson)
Mr. Frank Masland)
Dr. and Mrs. Stanley C. Cain) National Park Service Advisory Group
Dr. A. Starker Leopold)
Dr. George Sprugel)
Mr. John Pennekamp, Assoc. Editor of The Miami Herald
Congressman Dante Fascell
Mr. MacGregor Smith, President of Florida Light & Power Company
Mr. James Hardee, Reporter, The Miami News
Mr. William Ward, Reporter, The Miami Herald
Mr. Charles Elliot, President of Miami Beach Rod and Reel Club
Mr. Ellison Hardee, Superintendent, John Pennekamp State Park
Mr. Carl Gilliam, District Supervisor, Florida State Parks
U. S. Senator and Mrs. Olin D. Johnston, South Carolina
Mr. John Durant, Travel Reporter for The New York Times
Mr. O. B. Bramdlett, Carrizo Springs, Texas
Mr. F. F. Frohbose, FBI, Miami, Florida
Mr. L. Kusch, FBI, Miami, Florida
Mr. James Brogdam, Key West, Florida
Mr. Vince Gabianelli, Museum of Sciences, Miami, Florida
Mr. G. E. Williams, U. S. Weather Bureau, Jacksonville, Florida
Wilfreds S. Hernandez, Museum of Sciences, Miami, Florida
Mr. and Mrs. Clay E. Peters, National Park Svc., Mt. Rainier, Longmire, Wash.
Mr. Thomas Miller, American Red Cross, Miami, Florida
Mr. W. Cecil Watson, Boy Scouts, Miami, Florida
Mr. Harold L. McCay, Boy Scouts, Miami, Florida
Dr. Hugh F. Lamphrey, Head of Wildlife College, Moreka, Tanganyika
Mr. and Mrs. William C. Clark, Miami, Florida
Leonard W. Mosby, Deputy Chief of Technical Liaison Office, U. S. Corps of Engineers, Washington, D. C.
Mr. James Caslick, U. S. Fish and Wildlife Service, Gainsville, Florida
Mr. W. Robert Eadie, Cornell University, Ithaca, New York
Mr. R. K. Robinson, U. S. Fish & Wildlife Service, Vero Beach, Florida
Mr. and Mrs. Earl Franklin, Ocmulgee National Monument, Macon, Georgia
Mr. and Mrs. Leroy W. Pickett, Retired from NPS, Alexandria, Virginia
Mr. Ed Ritter, U. S. Forest Service, Washington, D. C.
Mr. Archie Jones, Park Collaborator
Mr. Fred K. Truslow, Collaborator and Dr. Rankin
Mr. and Mrs. Mervyn Thompson, new student minister arrived Flamingo
Mr. Ted Northrop, EODC Project Supervisor, Flamingo
Dr. D. Sudia, U.S.P.H.S., Atlanta, Georgia

Visitors continued:

Dr. Spackman, University of Pa., College Park, Pa.
Mr. Gibson Johnston, U.S.P.H.S., Atlanta, Georgia
Mr. W. Mikell, National Park Service, Richmond, Virginia

Press Review - New facilities at Flamingo:

Mr. Brooks, Channel II Television
Mr. Jim Hardee, The Miami Daily News
Mr. Fanhack, Fan Magazine
Mr. Johnson, Florida Development Commission
Mr. Jack Kerns, Channel 4 Television
Mr. Osborne, Field and Stream Magazine
Mr. Steve Fickett, Biologist for State Game and Fresh Water Fish Commission
Mr. C. Fred Dreves, U. S. Corps of Engineers, Jacksonville, Florida
Mr. Fairchild and Mr. Weaver, USDA (wild cotton project)
Capt. Carl Ross, Dade County Juvenile Officer

Special Activities: A pre-construction conference was held with Goodwin, Inc., contractor for paving, etc. at Flamingo. As Mr. Joseph was in the Park with the Advisory Group, Assistant Superintendent Burroughs chaired this meeting.

A conference was held with Harris Paving & Construction Co. representatives regarding the poor quality of the work done on base and shoulders at 7-Mile Road. Park Engineer refused to permit contractor to place prime coat. On November 5 Mr. Paul Mayrose, EODC arrived to inspect the construction and make recommendations.

Mr. H. Reese Smith and party arrived at Everglades, Florida to further examine Fahkathatchee Strand.

Assistant Superintendent C. A. Burroughs was asked by the Regional Director to attend the meetings in Lafayette, La. on Gulf Coast Mosquito Control. This was the first of these meetings held and Mr. Burroughs made some excellent contacts for future mosquito control work for the Service.

Mr. Waring Mikell of the Regional Office spent several days here acquainting himself with projects and possible problems of the Park.

Mr. Ted Northrop of EODC reported on November 16 as Project Engineer on the Goodwin contract at Flamingo.

Miscellaneous: On November 18 Superintendent and Mrs. Joseph left for Oakland, California to participate in their daughter's wedding and visit their parents. They will return for the Superintendent to be back on duty December 1.

Management Assistant John R. DeWeese was on annual leave beginning November 27 and continuing until December 15.

Miscellaneous continued:

Hydraulic Engineer Francis A. Nix was on annual leave from November 24 through December 1.

A First Aid Class was begun during the month. Robert T. Haugen, Assistant Chief Park Naturalist instructed seven enrolled students.

A farewell luncheon was given on November 20 for John A. Buck who resigned as Finance Officer to accept a position with the City of Miami

Assistant Chief Naturalist Haugen spent several Monday evenings training the Ranger Aides for the coming winter season.

Administration

Personnel: Separations: BUCK, John resigned his position as Accounting Officer to accept position with the City of Miami effective November 21.

SCHESVENTER, F. George transferred to position of Management Assistant, George Washington's Birthplace, Virginia effective November 8.

WOLFE, James F. Transferred to New York National Park Service Group as Supervisor Maintenance Engineer effective November 22.

Changes: BEVERLY A. RUSSELL changed her name by marriage to BEVERLY A. HITE effective November 6.

SLOANE, Bruce C. was converted to reinstatement--Career Condition from temporary appointment as Park Naturalist, effective November 22.

Assistant Superintendent C. A. Burroughs attended the Personnel Management Seminar at Harpers Ferry during the month. He has also been an active participant in the First Aid class being given to park employees.

On November 30, Chief Park Ranger Robert J. Branges departed to attend the General Administration Training Conference at Richmond. He will return about December 11.

William M. Alexander also departed November 28 to attend a course in Orientation for Professional and Administrative Personnel at Harpers Ferry, W. Virginia. He will return about December 11.

Conservation, Interpretation and Use

Interpretive Facilities: During the month Interpretive material for the Shark Valley Loop Road, consisting of roadside markers cued to an information leaflet, lift box exhibits, and road signs have been constructed in the Naturalists workshop.

An arrangement has been made with the Miami Museum of Natural Science whereby they will make study skins of road killed animals for the study collection in exchange for the long term loan of such materials that are in excess of Park needs. This will make it possible to catch up on the backlog of skins needing preparation.

Interpretive Services: Visitor contacts for this month numbered 100,534. A number of groups - school groups, Boy Scouts, Girl Scouts - visited the Park in November.

The Air Stream Trailerites had a rally in Homestead and groups from this came out to the Park off and on for about a week. Three of these days there were several groups scheduled each day.

Naturalist Cunningham led a special autocade and bird walk for 45 members of the Tropical Audubon Society from Miami.

The Geological Society of America held a convention in Miami and scheduled several field trips into the Park. Naturalist Sloane was on several of these and gave a special talk to approximately 40 members of the Society. Quite a few of the members and their wives made additional unofficial visits to the Park.

On November 27, there was an estimated 250 people attending the evening program at Flamingo. This is of course, far more people than the small room should hold - people were sitting on the floors and standing outside looking in.

Chief Naturalist Christensen and Assistant Chief Naturalist Haugen gave several talks in the Miami area.

The monthly travel figures for the Park during November, 1964 show an increase of 15% over the same month last year. However, participation in regularly scheduled interpretive programs is somewhat lower than November 1963. In analyzing this, several factors should be considered: First of all, over all travel counts include laborers at the missile site in the Hole-in-the-Donut; construction workers driving back and forth from Flamingo add to the total, and a larger number of hunters on their way to the Hole-in-the-Donut add their numbers to the total. The nuisance of mosquitos produced by fall rains have discouraged Park use, and finally personnel shortages and the need to divert some of the interpretive energies toward the preparation of interpretive material for the Shark Valley Loop Road have made it necessary to reduce the number of public contact personnel. Most of these factors will terminate soon and the number of interpretive contacts will increase markedly during the coming month.

Research and Observations: Water is dropping at Royal Palm and wildlife is beginning to gather along the Anhinga Trail.

At Coot Bay Pond there is an excellent bird and alligator show. Roseate Spoonbills and several of other wading birds, including Reddish egrets, can be viewed from the road. A great many Park visitors have been able to photo and view these birds at a very close range. Also there is a

Bald Eagle nest visible from the road at Coot Bay Pond. On West Lake there are a number of coots, ducks, teals, redheads, and canvas-backs.

Naturalist Cunningham reports a new bird species for the Park bird list. A gannet was seen on Sandy Key on November 23.

Protection: In accordance with regulations found in Title 36, Part 1.59 all boats using waters of Everglades National Park for commercial purposes, including commercial fishermen, charter boatmen and guides, whether based inside or outside of the Park, are being placed under a permit. Before permits are issued, each craft is inspected for compliances with safety regulations as found in 1.59. At Everglades this is quite an undertaking. It is hoped by the end of December all craft covered by these regulations will have been inspected and permits issued.

With the advent of deer hunting season, November 15, great pressure was placed on the Ranger Services Division, particularly in the Royal Palm and Tamiami Subdistricts, to patrol the Park boundaries and contact hunters in the area. Heavy concentrations of hunters were noted in the Hole-in-the-Donut area. Each hunter going into this land must cross a section of the Park, therefore, the Rangers issued Firearms Permits to each person.

All members of the Ranger Services staff participated in a three day fire school and a one day Administrative Training Conference held at Park Headquarters. A complete standard First Aid Course was given during this school. All Rangers and Fire Control Aids participated and have received their First Aid cards.

On November 19 a hunter reported that he had seen a man stand on Hole-in-the-Donut land, and shoot a deer some 250 feet inside of the Park. This incident was reported to the District Ranger and through the Chief Ranger's Office to the local FBI agent. The man reporting the incident was contacted and interviewed by the FBI. The person seen doing the hunting was also contacted and interviewed by the FBI, who arrested the individual for violation of Park Regulations. The defendant was taken before a U. S. Commissioner and placed on $500 bail pending hearing of the case.

Two cases of possession of firearms were heard before the U. S. Commissioner during the month. Both defendants were found guilty as charged.

Ranger Services personnel were involved in five boat rescues this month. All were of minor nature and no serious injuries involved.

West Lake, Coot Bay Pond and the various ponds along the lower end of the Park road were closed to boating and fishing on November 9. This measure was necessary to protect feeding birds in these areas.

Park Rangers checked 92 private fishing boats. Fish catches and safety equipment on board were inspected.

Four minor automobile accidents were investigated. All were of a one-car type, with no serious injury to the occupants.

Ranger patrol mileages for the month were as follows:

Boat	2,618
Airboat	95
Motor vehicle	11,343
Aircraft	6,000
TOTAL	20,056

Forest Fire Protection: One Class D fire occurred on November 8. This fire occurred on non-Federal land within the boundaries of the Park.

Wildlife and Fish Cultural Activities: Under new regulations certain Park areas were temporarily closed to boating and fishing during the nesting season of the birds. A press release to this effect was issued on November 4, copies of which were sent to the Washington and Regional Office.

Heavy concentrations of birds were noted in the lower section of the Park. An excellent bird show including egrets, herons and spoonbills has developed at Coot Bay Pond. A bald eagle nest at Coot Bay has again become active and adults seen daily in the area.

Maintenance: A meeting of the Quarters Evaluation Board was held on November 17. A new member is to be appointed, replacing John A. Buck who resigned November 20.

Concessioner: Mr. and Mrs. Mervyn Thompson (Marve and Jackie) student minister and his wife have arrived at Flamingo for the winter season.

Resource Planning

Water Resources: November 3 the Advisory Committee for National Science consisting of Drs. A. Starker Leopold, Chairman and Stanley C. Cain and Messrs. Sigurd Olson and Frank Masland arrived in Miami. On November 4 Superintendent Joseph met Mr. Elbert Cox, Regional Director, Southeast Region in Miami and brought all of them to the Park. On Sunday, November 7 the Advisory Committee and Mr. Cox all departed. During their stay all were given a thorough indoctrination into the Park area; the water situation; conservation of water planning; and interpretive plans for Seven Mile Tower Road and tower as well as the Gulf Coast District Western Water Gateway.

On Sunday, November 15, the Superintendent and Hydraulic Engineer Nix went to Jacksonville to meet the Director and Dr. Sprugel prior to the meeting with the Corps of Engineers on the 16th. Following this

November 16 meeting a summary of the meeting was sent to the Director.

Mr. F. C. Dreves of the Jacksonville Office of the Corps of Engineers visited the Park to make arrangements for surveys for Phases II and III of the water situation by the Corps of Engineers from December 7 to 11. A final conference will be held on December 12 at which Superintendent Joseph will preside.

Status of Private Lands: On November 6 the U. S. Department of Agriculture advised the Director of the receipt of five abstracts of title on lands in Hole-in-the-Donut being transferred to the National Park Service. This is one step toward National Park Service acquisition of some private lands in the Hole-in-the-Donut.

Public Affairs

Public Relations: On November 23 Acting Superintendent Burroughs met Senator and Mrs. Olin D. Johnston at the Miami airport and drove them to Flamingo, where they remained until November 30. While here they were shown the Park and also made a flight to Fort Jefferson in the Park aircraft. The Johnstons appeared to have had a highly enjoyable week.

November 16 - 18, 68 members of the U. S. Geological Society of America visited the Park. They were accompanied by Mr. James H. Hartwell of the Miami USGS Office in their tour of the area, and given a special talk at Royal Palm.

This month the Historical Research Committee of the Monroe County Public Library, Key West, Florida, visited the Park library to secure additional information on Fort Jefferson National Monument and Dr. Samuel A. Mudd.

Park Naturalist Cunningham conducted a special auto-cade for 45 members of the Florida Tropical Audubon Society in the Flamingo area on November 28.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Construction of walks for the Concessioner Motel Units and Housekeeping Cabins is pending the preparation of plans for this work. Funds for this project were included in Regional Office No. R64-7 Program Adjustment.

Installation of protective device on the circular stairway at 7-Mile Fire-Observation Tower is pending receipt of the shop drawings from the fabricator.

New Construction

Project Engineer E. A. Northrop, Design and Construction Eastern Office, has completed the stakeout for the Sewage Disposal, Water System Extensions and Driveways, Flamingo - East of Canal under Contract No. 14-10-0111-229 awarded to Goodwin, Inc.

Contract No. 14-10-0111-230 in the amount of $17,550.00 was awarded to low bidder Harris Paving and Construction Company for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Areas. Work on this project will commence on or about April 1, 1965.

Harris Paving and Construction Company has started surface paving on the 7-Mile Fire Tower Road. Mr. Paul Mayrose, Design and Construction Easter Office, inspected this project during the month.

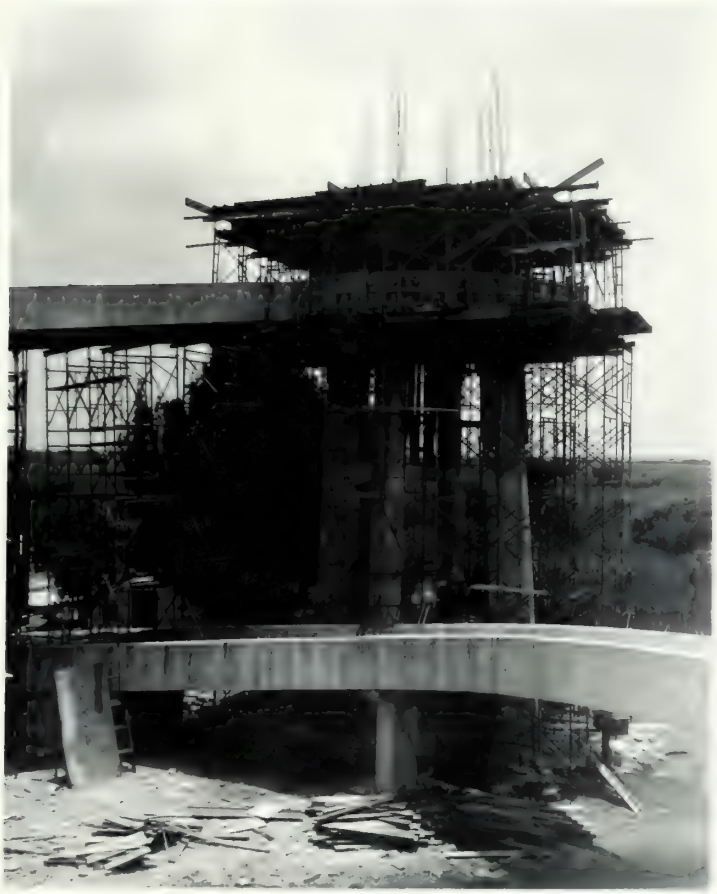
C. A. Davis, Inc. completed the installation of the three concrete slabs under the residences at Everglades, Florida.

Conferences and Meetings

Mr. W. Mikell, Regional Chief of Operations, visited the Park during the month and made on site inspections of all the areas including Ford Jefferson National Monument.

A Pre-Construction Meeting was held November 12 on Contract No. 14-10-0111-229 awarded to Goodwin, Inc. for the construction of Sewage Disposal, Water System Extensions and Driveways, Flamingo - Easter of Canal. Work on this project started November 23.

Carroll A. Burroughs
Acting Superintendent



Summary of the December 1964 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Ideal.	1
Travel:	Up [illegible]% for year. Up 48% for month. Camping up 51%. Concession use up 30% for year.	1
Visitors:	3 State Dept. groups escorted; numerous other persons.	1 & 2
ADMINISTRATION:	E. A. Disque of Southeast Regional office visitor.	4
CONSERVATION, INTERPRETATION & USE:	Contacts for month 145,816; all facilities & services crowded. Christmas Bird Count a success.	4,5, & [illegible]
RESOURCE PLANNING:	Corps of Engineers scheduled January hearings on Park water supply. FCD meeting attended. Iori lands transferred.	6 & 7
PUBLIC AFFAIRS:	Senators Holland and Olin D. Johnston and Congressman James C. Wright visited Park. Freeman Tilden working here on book revision.	7

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

December 1964

GENERAL

Weather Conditions: Ideal tourist weather prevailed during December with temperatures ranging from the low 80's to the high 60's. Tamiami Ranger Station recorded the high of 97 degrees with Royal Palm, Tamiami and Flamingo tying for low with 48 degrees. Rainfall was scattered ranging from more than two inches at Royal Palm to less than a half-inch at Flamingo. Cumulative figures for 1964 show that 62.88 inches fell at the Royal Palm gauge compared with 54.85 inches for 1963. The water table remained good for this time of the year, with the Taylor Slough gauge reading 4.59 feet compared with 3.90 feet for December 1963 and 4.63 feet for November 1964.

Increase or Decrease in Travel: A record of 792,631 persons visited Everglades National Park during 1964. This is an increase of 123,399 persons or 18% greater than the previous high recorded in 1963. The month of December contributed to this increase and was 28% above the like month last year.

Camping showed a spectacular increase of 51% over 1963. This was in spite of the fact that the Flamingo campground extension is still not complete. It was noted that during December campers viewing the denuded campground extension area turned around and left the Park.

Visitors:

Mr. Ed Ritter, Asst. Director, Forest Fire Control, US Forest Service, Washington, D. C.
Dr. Paul Newhouser, US Public Health Service, Atlanta, Georgia
Mr. Gibson Johnston, US Public Health Service, Atlanta, Georgia
Mr. Mark S. Pritchard, Naturalist, Tennessee State Park, Nashville, Tenn.
Mr. Fred Kass, Eastern Office Div. of Design & Construction, Philadelphia, Pa.
Senator & Mrs. Spessard L. Holland, US Senator from Fla. (Bartow, Fla.)
Dr. George C. Ruhle, WASO, International Cooperation, Washington, D. C.
Mr. Halis Kurtca, Director of Education for Turkey, Istanbul, Turkey
(Guest of U. S. State Department)
Mr. & Mrs. Tony Stark, Chief Ranger, Cape Hatteras National Seashore, Manteo, North Carolina
Mr. Earl A. Disque, Regional Chief of Master Plan Coordination, Southeast Region, Richmond, Va.

(Visitors Continued)

Mr. & Mrs. Vic LaFollette, Administration Asst. Great Smoky Mountains National Park, Gatlinburg, Tenn.
Mr. & Mrs. Hsin Wen-pino, Taiwan, Provincial Government, Nationalist China (Guest of U. S. State Dept.)
Mr. & Mrs. Art Connell, Landscape Architect, Blue Ridge Parkway, Roanoke, Va.
Mr. & Mrs. Bernard T. Campbell, Supt. Hot Springs National Park, Hot Springs, Ark.
Mr. Thomas J. Allen, Special Asst. to the Director, National Park Service, Santa Fe, New Mexico
Mr. William Everhart, Chief of Interpretation, National Park Service, Washington, D. C.
Mr. Freeman Tilden, Author and friend of National Park Service
Mr. John A. Carver, Jr., Assistant Secretary of the Interior
Congressman James C. Wright, US Representative from Texas, Ft. Worth, Tex.
Mr. Eugene L. Gibbons, Security Investigator, Civil Svc. Comm., Miami, Fla.
Mr. Gerald J. Doyle, Div. Security Manager, Southern Bell Telephone Co., Miami, Fla.
Mr. & Mrs. Stewart Rothmann, Free lance wildlife photographer, Fairbanks, Alaska
Mr. A. N. Manhall, US Fish and Wildlife, Vero Beach, Fla.
Mr. H. P. Finch, Topo. Div, US Geological Survey, Arlington, Va.
Mr. J. A. Edmister, Prof. University of Ga., Athens, Ga.
Mr. T. Miller, Director Safety Services, American Red Cross, Miami, Fla.
Mr. Curtis Jensen, Special Agent, FBI, Miami, Fla.
Mr. S. R. Orgill, Park Ranger, Yellowstone National Park, Yellowstone, Wyo.
Mr. & Mrs. George W. Fry, Supt. Great Smoky Mountains National Park, Gatlinburg, Tenn.
Dr. Dan E. Ward, University of Fla., Gainsville, Fla.
Mr. Gene Manis, Director Plant Introduction, Champion Field, Miami, Fla.
Senator and Mrs. Olin D. Johnston, US Senator from South Carolina, Spartenburg, S. C.
Mr. Howard R. Capas, Supvy Park Ranger, Great Smoky Mountains National Park, Gatlinburg, Tenn.

Visitors served by the concessioner at Flamingo also showed a sizeable increase during 1964. Our records show that 43, 487 persons used the overnight facilities furnished by the concessioner representing a 30% increase over 1963.

Persons representing 47 of the 50 States were in the Park. Only New Mexico, Nevada, and Vermont were not represented on the Royal Palm visitor registration board. Persons from six Canadian provinces, 1 U. S. territory and the following foreign countries were in the area: Spain, Indonesia, United Kingdom, Venezuela, Switzerland, New Zealand, Germany, Columbia, Japan, Ireland, Norway, The Netherlands, France, Israel, India, and Italy.

Special Activities: The U. S. Bureau of Indian Affairs opened and dedicated their new restaurant along the Tamiami Trail. This restaurant is opposite the entrance to the Shark Valley Loop Road. The Park

Superintendent and Sub-District Ranger attended the ceremonies. Many other State and Federal officials were there including Assistant Secretary of the Interior John A. Carver, Jr.

Park Rangers escorted State Department guests from 3 countries: Yugoslavia, Turkey and China through the Park during the month of December.

The Everglades Administrative Fire Training Conference was held the first week of the month. All Park employees attended the first day. Rangers, Fire Control Aids and others interested in fire suppression participated in the remaining 3 days of the conference. During the meeting, a standard first aid course was presented by Assistant Park Naturalist Haugen. All Rangers and Fire Control Aids participating received their Red Cross card for the standard course. Earlier, an advanced course had been given by the instructor of the local Red Cross unit and twelve members of the Park staff participated in this course.

Sunday church services were began at Flamingo on the 13th of the month conducted by the student minister who is under the supervision of the Christian Ministry of the National Parks. Evening services are expected to be held at the Long Pine Key campground shortly after the first of the year.

Miscellaneous: Assistant Superintendent Carroll A. Burroughs attended the Personnel Management Seminar course at Harpers Ferry, West Virginia.

The Everglades Natural History Association held their annual meeting on December 12. In the afternoon those desiring to do so accompanied the Chief Park Naturalist on a tour of the new Shark Valley Loop Road and Observation Tower before its opening to the public. This was followed by a fish fry at the Pine Island chickee, after which Dade Thornton showed pictures of his ramblings through various national parks.

Chief Park Ranger Robert J. Branges attended the General Administration Training Session during the month.

William M. Alexander, Acting Park Engineer, attended Stephen T. Mather Interpretative Training and Research Center, Harpers Ferry, W. Virginia.

The Florida Science Study Group under the direction of Mrs. Doris Timpano were at Flamingo December 27 and 28. Special programs were given on both nights. A number of special visitors were assisted, among them were Mr. and Mrs. B.G.E. St. Aubyn (she is Assistant to the Secretary General of Jamaica). Naturalist Sloane accompanied the White-water Bay Sightseeing boat on December 5. He and Naturalist Cunningham made suggestions for improving the interpretation on this trip. Assistant Chief Naturalist Haugen conducted the Standard First Aid Course for members of the Protection Division.

ADMINISTRATION

Personnel: Monday, December 14, a meeting was held on personnel matters with Mr. Earl A. Disque of the Southeast Regional Office and Division Chiefs of Everglades as well as the Superintendent and Assistant Superintendent.

MENDLEN, SAMUAL W. was returned to duty as Park Ranger (Naturalist), GS-5 effective 12/22/64.

MOTHERSPAUGH, KELLY F. was returned to duty and changed appointing office as Park Ranger (Naturalist) GS-5 effective 12/20/64. Formerly at Yellowstone.

Changes: GUARDIPEE, FRANCIS X., JR. career conditional appointment was converted to Career retroactive to 10/02/63. Administrative oversight.

HITE, BEVERLY A. was promoted from Sec. (Dict Mach Trans) GS-4 to same GS-5 effective 12/20/64.

TABB, DURBIN C. Collaborator WOC excepted appointment was extended to 12/07/67.

CONSERVATION, INTERPRETATION AND USE

Interpretive Facilities: The project of installing metalphoto labels on all the Park's interpretive trails was completed this month. The signs and interpretive devices for the Shark Valley Loop Road are completed and ready to install.

Interpretive Services: Interpretive contacts for month: 145,816. Visitation during the Christmas week (December 25 - 31) was extremely high. During this time, personnel was spread very thinly to provide the services expected by the visitors. In the Visitor Center approximately 9,618 people were contacted at the desk, viewed the exhibits, and about 3,206 saw the orientational slide program. At Royal Palm 3,158 visitors attended the talks and 2,965 went on the guided walks. Personal contact with about 1,630 people was made along the wall in back of the station, and about 4,720 people went through the museum.

At Flamingo the evening program was doubled starting December 22. During the last three days of the month approximately 1000 visitors attended. The programs were shortened to save the voice of the naturalist giving both programs and allow the auditorium to be emptied and aired before refilling and complete the programs in the two hours allotted.

In 1963 five walks and five talks were offered daily at Royal Palm on the winter schedule. However, this year, because personnel shortage, one talk and one walk, were deleted with only two walks each on the Gumbo Limbo and Anhinga trails and four talks.

During the month a number of school and scout groups visited the Park, and in many instances because of the shortage of personnel had to be scheduled with the regular walk and talk instead of having a special program.

At Flamingo, the morning nature walk went on a daily basis December 26.

Assistant Chief Haugen assisted in the judging of social science projects for the Dade County School System in Miami December 6 and 7. On December 30 he conducted the Ranger Aids on a field trip to the Shark Valley Tower.

Other off-site services included talks to the Kiwanis Club of Miami Beach, the Daughters of the American Revolution, the Herpetological Society and the Redland Junior High School.

Park Ranger Lee Chamberlaine assisted the Interpretation Division giving a talk on conservation to 350 students of the Citrus Grove Junior High School.

The Annual Coot Bay Bird Count was held this year on December 27. Ranger personnel assisted by furnishing transportation for this activity. Naturalist Cunningham directed the annual Coot Bay Christmas Bird Count this year. A total of 174 species set a new record for the count, as did the total attendance of 86 observers (representing 8 states and two foreign countries - England and Canada). Without a doubt, this was the most successful of all previous Coot Bay Counts.

Ranger Max Holden completed his report on the first season of turtle nesting observations at Cape Sable. This report was considered a good start for a much needed research project on turtle nesting within Everglades National Park.

A burrowing owl has taken up residence in a rock pile near the housekeeping units at Flamingo. This is a bird not common within the Park and is proving an interesting wildlife exhibit for Park visitors.

Protection: The task of placing all commercial boating activities, including fishing, charter boating, and guide boats, under permit is progressing well. Park Rangers have contacted interested parties in the area and it is expected that this job will be completed shortly after the first of the year.

Ranger hunting patrols increased as the pressure in the Hole-in-the-Donut area and along the East and 10-Mile boundaries mounted. From all indication, deer taken so far this season has exceeded that of previous years.

Four automobile accidents occurred on Park roads during December: 1 involved Park Service employee and a contractor's truck. At the end of the month, this accident was still under investigation. One case was heard before the U. S. Commissioner and involved a concessioner

employee. Defendant was charged with stealing a fellow employee's radio. He pleaded guilty in the U. S. Commissioner's court and was fined $75.00. His fine was later suspended by the Commissioner.

Patrol mileage for the Park was as follows: Boat - 2,710; Motor Vehicle - 16,263; Airboat - 129; Glades Buggy - 20; Aircraft - 4,500; Total - 23,622.

Forest Fire Protection: Following fire school, the fire organization was placed into full operation and the two fire towers were manned.

Suppression action was taken on 3 fires which threatened the Park. Reports have been submitted.

A new tracked vehicle was received during the early part of the month. This is a Trackmaster built by Thiokol Corp. of Logan, Utah. The vehicle will be equipped with fire fighting equipment locally. Field tests were held in the rocklands around Grossman's Hammock.

Insect and Tree Diseases: The U. S. Agriculture Pink Bollworm project began moving trailers to their Flamingo campsite. Operations to remove wild cotton will begin from this camp around January 15.

RESOURCE PLANNING

Water Resources: The U. S. Corps of Engineers conducted a preliminary survey along the Gulf Coast and interior of the Park during the month. The purpose of the survey was to investigate the possibilities of conserving fresh water at Everglades National Park.

Three days were spent along the Gulf Coast operating from Park Service boats and one day touring the interior of the Park by helicopter which was based outside of the area. The last day of their stay was devoted to a series of meetings with Park Superintendent, Assistant Superintendent, Park Engineer and Park Biologist held at Park Headquarters.

On December 11 the Superintendent attended the Central and Southern Florida Flood Control District meeting held in South Miami, with Hydraulic Engineer F. A. Nix.

Hydraulic Engineer Nix accompanied Mr. James H. Hartwell of the U. S. Geological Survey, Miami, Florida to Patrick AFB to witness a demonstration of new telemetering devices which would probably be suitable for collecting water data at stations within the Park.

A notice was received, on December 15, of hearings to be held on the Everglades water supply by the Corps of Engineers on January 19, 20, and 21, 1965.

Status of Private Lands: During the month information was received of the transfer of Tori lands in the Hole-in-the-Donut from FHA to the Department of the Interior. Work on the mapping of exact boundaries with this addition was begun.

Cooperation with Other Federal State or Local Agencies: On December 8 a meeting regarding the Everglades, Florida airport was held in Naples, Florida. This meeting was attended by District Ranger Richard A. Stokes of the Gulf Coast District and Acting Superintendent Carroll A. Burroughs.

PUBLIC AFFAIRS

Public Affairs: Hon. Spessard L. Holland, U. S. Senator from Florida and Mrs. Holland arrived at Flamingo December 7 with plans to vacation until about December 21. On Sunday, December 20, Superintendent and Mrs. Joseph entertained Senator and Mrs. Holland at coffee and then accompanied them on a tour of the new Shark Valley Loop Road and Observation Tower.

During the month self-addressed postal cards were forwarded to all holders of fishing permits for Park waters. Rangers inspected these boats prior to issuance of permit. The fishermen have been asked to cooperate by sending in these postal cards at the end of each month with their daily catches recorded.

Mr. Freeman Tilden, National Park Service author, arrived on December 21 to remain for several weeks on revisions and up-dating of information about this park in his book "Our National Parks."

The first 10-days of December the Superintendent was on annual leave and Assistant Superintendent Carroll A. Burroughs was Acting Superintendent.

Monday, December 28, Superintendent Joseph attended the meeting of the Florida Audubon Society with Collaborator Frederick K. Truslow, a National Geographic Society Photographer.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Request for bids will be issued when plans and specifications are prepared for the construction of walks for the Concessioner Motel Units and Housekeeping Cabins at Flamingo.

Plans for the installation of protective device on the circular stairway at 7-Mile Fire Observation Tower have been submitted by Mr. Edward N. Ghezzi, A.I.A. to the Eastern Office, Design and Construction for approval.

Mr. Ghezzi has completed plans for the construction of three employee residences at Flamingo. Bids for this project will be issued when specifications are completed.

New Construction

Change Order No. 1 to the Goodwin, Inc. Contract No 14-10-0111-249 for Sewage Disposal, Water System Extensions and Driveways, Flamingo eliminated Laterial No. 2, No. 2 manhole and 2 fire hose risers. This Change Order provided for ten catch basins, 670 lineal feet of 6 inch VC pipe and two additional fire hydrants at an increased cost of $3,877.50. The contract price of the contract was not increased because of a total underrun of $3,983.00 on the contract.

The new Flamingo Campground Extension and Trailer Area have been placed in use because of the heavy visitation in this area. These areas will not be suitable for tent camping until next year. Therefore, overflow tent campers are permitted to use the picnic area.

Harris Paving and Construction is in the process of making final cleanup of the 7-Mile Fire Tower Road.

The cabana porch for the house trailer at the Tamiami Ranger Station shipped from Bradenton, Florida by the manufacturer December 16, 1964 has not been received.

Conferences and Meetings

Monday, December 21, 1964 Park personnel met with Mr. Ghezzi, the Consulting Engineer for Mr. Ghezzi, and representatives of Avant Construction Company at the 7-Mile Fire Tower to review discrepancies, deficiencies, and malfunctions in the power and electric systems. The Consulting Engineer for Mr. Ghezzi will recommend revisions to place the systems in proper working order.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*): December 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	3-47 (NPS) Flamingo Campground Development Including Trailer Facilities, Loops C and D Including Utilities (65)	3-72 3-73 3-61 3-71	3005A 21/63 3005 21/63	107,051 [illegible] 20,000 [illegible]	C C DL	Jan 65 Jan 65		Balance of Day Labor Portion $[illegible]
	Construct Utilities (Water & Sewer) Bathhouse/Laundry Combo, 36 Units, 12 Structures (65)	3-64 3-337 3-341 3-347 3-339-1 3-43-1	3005A 21/63 3005A 6/63 3005A 12/63	6,200 6/6/65 55,200 6/16/65 41,517 6/28/65				

[illegible]

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): December 1964

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	E-37-EVER Provide and Install House Trailer and Utilities, Tealand Ranger Station (54)	E-153		6,300 1/13/64 1,700 6/4/64 1,135 11/17/64	C & DL	Feb 64 Feb 65	90	D&C and P. Purchase Order No. 11-254 dated December 11, 1964 issued in the amount of $701.37 for albums perch to be installed on trailer. Balance of Day Labor Portion: $330.63
1965	D-42-EVER Drainage Canals System, East of Canal Utilities Extension (Water and Sewer), Residential Area (Rev.) Fire Protection Facilities	U-76 U-63-1 E-132	3043 3/24/64	34,373 11/17/64 455	C	Nov 64 Feb 65	60	D&C Contract #14-10-0111-696, Goodwin, Inc., orig. amt. of contract $37,047.50. Change Order No. 1 dated 12/11/64 made changes in the original plans at an increased cost of $3,377.50 which is offset by a total under of $3,055.00 on contract. Completion date changed from Jan. 65 to Feb. 5. Work Order D-42-EVER (Rev. #1) issued in amt. of $454.50 to provide funds for an increase in cost of D&D portion of contract by Change Order No. 1. See Work Order E-37-EVER for balance of funds.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): December 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING 7	CONSTRUCTION: ESTIMATED DATE COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Flamingo Employee Residences (2-bedroom), 2, Including Utility Connections and Grounds Improvements	P-136		Est. 40,000 6/2/65	C	Jun 65	Jun 66	0	(A) Plans not complete.
1965	Paurotis Bay: Alteration to Visitor Center, Including Auditorium	P-151		Est. 21,700 6/2/65	C	Apr 65	Jun 66	0	(A) Plans not complete

MONTHLY PROGRESS REPORT

Area Everglades National Park

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☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) December 1964

F.Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	9-14-EVER Circulatory Roads and Parking, Flamingo Campground	9-91	3004	60,000	C	Jan 63 / Jun 65	75	D&C Contract #14-10-0111-230, Harris Paving and Construction Co., orig. amt. of contract $57,551.00.
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (51)	9-113	3004	11/63 1/22/63 T30				Revised total of unobligated balance of funds: $23,393.36.
1964	Construct Roads, Parking Area and Walks for Concessioner Hotel Units (64)	9-147	3004	11/63 2/4/63 117,145 2/4/65 Sketch 87,646 Sk-Sc. 3/2/64 400 4/22/64 4 147 11/30/64				
1964	9-17-EVER Long Pine Key Campground & Picnic Area, Construct & Erect Signs and Markers	9-96		8,500 7/10/64	R	Feb 64 Jun 65	30	D, Unobligated balance of funds - by Labor Bureau: $500.25
1963	9-13-EVER Flamingo Access Roads & Parking Area for 2-Bedroom Residences (3)	9-107	3043	8,875 10/28/63	C	May 64 Jun 65	60	D&C Contract #14-10-0111-229, Conbeta, Inc. orig. amt. of contract $37,047.50. Payment withheld on this portion of contract $500.00. See Work Order 9-10-EVER for balance of funds.

Area Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) December 1964

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	B-46-4758 Garden Key: Sowing & Fertilizing (Parade Ground)	B-46	3000 1/30	3,000 2/63	DL	Feb 63 Sept 63	43	P, Unobligated balance of funds - Day Labor: $1,795.77
1963	B-51-4758 Repair and Repainting Fort walls and Casemates and General Cleanup (Var.)	B-47-1	3000 1/30	27,400 7/13/64	DL	July 63 July 65	24	P, Unobligated balance of funds - Day Labor: $20,126.38
1963	Garden Key: Construct New Water System	B-23-1		Est. 50,000 8/64/63 Re 40,000 1/1/63	C	Jan 66 Jun 67	0	PAC Plans not complete.
1963	Garden Key: Construct Employee Residences (5), 3 - 1-bedroom; 2 - 2-bedroom; 1 -3-bedroom	B-15-1		Est. 300,000 1/64/63 Re 60,000 3/1/65 Re 5,000 1/1/63 Re 15,500 2/15/64 Re 40,500 6/7/63	C	Jan 66 Jun 67	0	PAC Plans not complete

MONTHLY PROGRESS REPORT

Area Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) December 1964

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	CONSTRUCTION: % COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1965	Garden Key: Cistern Sewage Disposal System	D-16-1		Est. $8,600 6/24/64	C	Jan 65 / Jun 65	0	DSC Plans not complete.
			Re	9,600 3/23/64				
1965	Garden Key: Provide and Install Communication System	D-30		Est. $14,500 10/4/60	D	Jan 65 / Jun 65	0	DSC Plans not complete
			Re	8,900 8/19/63				
			Re	9,000 11/7/63				
1965	Garden Key: Southern Pier Protection System	D-17-1		Est. $6,300 11/4/60	C	Jan 65 / Jun 65	0	DSC Plans not complete.
			Re	6,300 12/20/63				

MONTHLY PROGRESS REPORT

Area [redacted]

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*)

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	[redacted] Construct Road to Y-Mile Pine Tower	6-64-1	3[illegible] 2[illegible]3	$31,50[illegible] 1/31/64 17,040 1/31/65	C	Feb 64 Jan 65	95	DC Contract [illegible], Harris Paving and Construction Co., orig. est. of contract $[illegible].75. Unobligated balance of funds $[illegible]

41120

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Request for bids will be issued when plans and specifications are prepared for the construction of walks for the Concessioner Motel Units and Housekeeping Cabins at Flamingo.

Plans for the installation of protective device on the circular stairway at 7-Mile Fire Observation Tower have been submitted by Mr. Edward M. Ghezzi, A.I.A. to the Eastern Office, Design and Construction for approval.

Mr. Ghezzi has completed plans for the construction of three employee residences at Flamingo. Bids for this project will be issued when specifications are completed.

New Construction:

Change Order No. 1 to the Goodwin, Inc. Contract No. 14-10-0111-208 for Sewage Disposal, Water System Extensions and Driveways, Flamingo eliminated Laterial No. 2, No. 2 manhole and 2 fire hose risers. This Change Order provided for ten catch basins, 670 lineal feet of 6 inch VC pipe and two additional fire hydrants at an increased cost of $3,877.50. The contract price of the contract was not increased because of a total underrun of $3,983.00 on the contract.

The new Flamingo Campground Extension and Trailer Area have been placed in use because of the heavy visitation in this area. These areas will not be suitable for tent camping until next year. Therefore, overflow tent campers are permitted to use the picnic area.

Harris Paving and Construction is in the process of making final cleanup of the 7-Mile Fire Tower Road.

The cabana porch for the house trailer at the Tamiami Ranger Station shipped from Bradenton, Florida by the manufacturer December 16, 1964 has not been received.

Conferences and Meetings

Monday, December 21, 1964 Park personnel met with Mr. Ghezzi, the Consulting Engineer for Mr. Ghezzi, and representatives of Avent Construction Company at the 7-Mile Fire Tower to review discrepancies, deficiencies, and malfunctions in the power and electric systems. The Consulting Engineer for Mr. Ghezzi will recommend revisions to place the systems in proper working order.

Stanley C. Joseph
Superintendent

Summary of the January 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Near perfect. One cold front	1
Travel:	Increased 20% Camping increased 8%	1
Visitors:	Senator and Mrs. Metcalf of Montana	2
Special Activities	An exceptional number of various types, among them S. E. Region Master Planning Team	3
ADMINISTRATION:	Two employees converted to career appointment One promoted; one selected for Job Corps	3
CONSERVATION, INTERPRETATION & USE:	Campground Campfire Circle improved	3
	Shark Valley Loop Road interpretive installations completed and installed.	
	Robert Utley spoke to Coral Gables group	
	Two programs per evening given at Flamingo	4
	Pinelands Trail walk well received	
	Boat-cades on new route	
	East River, Rookery Branch and Cuthbert Rookeries forming.	
	Huge concentrations of birds observed northwest of Bear Lake	4
	Brim and Bass in pond at Royal Palm short of oxygen	4
	Hunting season one of heaviest	5
	Record month with 18 boat rescues	5
RESOURCE PLANNING:	Dr. Sprugel and Mr. Lee attended public hearings on Park water supply	5
	Florida Work Group met	6
	Inventory of buildings on newly acquired lands accomplished	6
PUBLIC RELATIONS:	Superintendent escorted groups on tour of Shark Valley Loop Road prior to opening	6
	Met Asst. Secretary of Navy at Ft. Jefferson	6

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

In reply, refer to
A3423

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

January 1965

General

Weather Conditions: Warm southerly breezes heralded what appears to be the start of the best tourist season in many years. The only flaw in the weather was a first-of-the-season cold front hitting the area on the night of January 17. A low of 30 degrees was recorded in the Royal Palm Area. Rainfall was spotty, with Royal Palm recording .52 inches and Flamingo 1.4". The water table continued to drop with the Taylor Slough gauge reading 2.0 feet on January 31. This compared with 3.15 feet for the same date last year and 3.73 feet for the last day of December. Small craft warnings were flown at Flamingo and Florida Bay only two days during the month.

Increase in Travel: Visitation to the Park continues to climb in record breaking strides. During the month 100,044 persons entered the area representing a 20% increase over January 1964. This is the third highest month of visitation in the Park's history overshadowed only by February and March of last year. Camper use increased by 6% over last January with 23,612 persons using the area. This was in spite of the fact that a campground extension at Flamingo had not been completed. Both the Flamingo campground and the Long Pine Key campground were forced to use overflow areas almost nightly during the month.

Visitors: Persons representing all of the 50 states were in the area as well as those from ten Canadian provices and the following foreign countries: Argentina, Brazil, India, Spain, Belgium, Denmark, Austria, Australia, Columbia, Jamaica, Chile, England, South Africa, Cuba, El Salvador, France, Germany, Scotland, Ireland, Italy, Holland, Norway, New Zealand, The Congo, U. S. S. R., The Netherlands and Honduras.

Mr. J. E. Hoffmeister, Professor of Marine Geology, University of Miami, Marine Laboratory, Miami, Fla.
Mr. and Mrs. James Crowe, Outdoor Editor of the Detroit News, Detroit, Michigan
Mr. William Scifres, reporter of the Indianapolis Star, Noblesville, Indiana
Mr. William E. Merryman, Budget and Finance Officer, NPS Southeast Regional Office
Mr. Forrest O. Melvray, Asst. Regional Director, Southeast Region, NPS
Mr. George Sprugel, Jr., Branch of Natural Sciences, Washington, D. C.
Mr. and Mrs. Merel S. Seger, Div. Landscape Architecture, Washington, D. C.
Mr. Dale Titterton, National Geographic Society, Washington, D. C.
Mr. Tom Bradley, Park Ranger, Great Smokies National Park, Tennessee
Mr. T. G. Dunkin representative of Canadair Ltd., Montreal, Canada
Mr. Charles P. Logy, Jr., Vice Pres., New Jersey Helicopter Airways, Inc., Trenton, New Jersey
Mr. F. J. Vosburgh, Vice President and Associate Editor, National Geographic Society, Washington, D. C.
Mr. Orville L. Lee, Land and Water Rights, NPS, Washington, D. C.

Visitors (cont'd):
Dr. and Mrs. P. W. Fishwick, University of North Dakota, Bunger, Maine
Dr. and Mrs. Paul L. Errington, Patuxent Station, Harvard Univ., Cambridge, Mass.
Dr. Henry Kritzler, Bard College, Annandale-on-Hudson, N. Y.
Mr. and Mrs. Gene Smith, photographer for the New York Times, New York, N.Y.
Superintendent and Mrs. Earl H. Semington, Dinosaur National Monument, Artesia, Colo.
Dr. Don Goode and Mr. Gibson Johnson, U. S. Public Health Service, Atlanta, Ga.
Mr. and Mrs. Richard Kent, Stephen T. Mather Tr. Ctr., Harpers Ferry, W. Va.
Mr. and Mrs. Tom Miree, Park Ranger, Shenandoah National Park, Luray, Va.
Mr. Robert M. Utley, Office of History Studies, NPS, Washington, D. C.
Dr. Taylor R. Alexander, Botany Dept. U. of Miami, Coral Gables, Fla.
Mr. Don B. Cullimore, Information and Education Officer, Florida Game and Fresh Water Fish Commission, Tallahassee, Fla.
Mr. Walter Dineen, Fish Biologist, Florida Game and Freshwater Fish Commission, Tallahassee, Florida
Senator and Mrs. Lee Metcalf, Helena, Montana

Special Activities: Park Research Biologist Robertson and the Chief Park Naturalist conducted a tour of the Park for members of the Biology Department of Colby College, Waterville, Maine.

Superintendent Joseph attended the annual meeting of the Florida Audubon Society in Miami, accompanied by the Park Biologist.

Mr. Robert M. Utley of the Washington Office arrived January 13. He was the main speaker at the annual meeting of the Historical Association of Southern Florida. His address was enthusiastically received. Before returning to Washington Mr. Utley visited the Historical Association's Museum in Miami.

Many telephone conferences were held between the Superintendent and his staff, the Regional and Washington Offices regarding the Job Corps Camp proposed to be established on lands presently being transferred to the Park by the FHA.

The Southeast Region Master Planning Team arrived on January 4 and remained in the area for three weeks. The Superintendent and other members of the staff spent considerable time assisting this group which consisted of Messrs. Ley, Thurin, Ludgate, Stewart and Comstock.

The U. S. Department of Agriculture Pink Bollworm Control crews arrived back in the Park and set up their camp at Flamingo. Operations of this group were proceeding in the Cape Sable, Gulf Coast and Lower Florida Bay areas by the end of the month.

A Special Use Permit was issued to Florida Power and Light Co. to construct utility lines across the lower section of Taylor Slough into the Hole in the Doughnut area primarily to serve the new missile sites located there. Park Rangers assisted in the preliminary surveys for this line which is located approximately two miles north of the Flax Island recreational area.

A Special Use Permit was issued to the U. S. B. Ginger Corp. who is doing research for the armed forces. This work is to consist of flying aircraft over certain areas of the Park measuring inert and ionospheric properties around aircraft. Park Rangers assisted in locating and installing ground equipment for this study.

With assistance from the Interpretive Division Park Rangers prepared a photographic display to be used at the Dade County Youth Fair. Later in the month, Rangers installed the display at the 3-day fair located at Kendall, Fla. From all indications it appears this effort was well received by the general public.

Two members of the Ranger Division attended a two-day rural fire defense school held at the Dade County Civil Defense Center. This school was well received being conducted by the Florida State Forest Service

In preparation for the opening of the Shark Valley Loop Road Rangers and Fire Control Aids constructed the Otter Cave Interpretive Trail which is located on this road.

Park Rangers continued their assistance to Dr. Frank Craighead in the study of water conditions pertaining to culverts along the Park road. Approximately one man day per week was involved in this study.

Administration

Personnel: Accessions:
Konstantinou, Eugenie C., Mrs. was given an excepted appt. NTE 01/21/66 as Collaborator Without Compensation, effective 01/21/65.
Changes:
Reddie, Mikie career conditional appt. was converted to career appt. effective 01/09.
Guerrique, Francis X., Jr. was reassigned from Supervisory FCA, GS-456/5 to Park Ranger, GS-453-5, effective 01/17/65
Jones, Otis T. career conditional appt. was converted to career appt effective 01/08/65
Morgan, Kenneth O., Jr., was promoted from Park Ranger, GS-453-5 to Supervisory Park Ranger, GS 453-7 effective 01/31/65.

District Ranger James R. Whitehouse, Jr., was selected as a Deputy Director for a Job Corps Camp to be located at Great Smoky Mountains National Park. Ranger Whitehouse left this area on January 30 to attend a 5-day training session held at Camp Arrowmont, North Carolina.

Conservation, Interpretation and Use

Interpretive Facilities: New benches at the Long Pine Key Campfire Circle have made it much easier to work and more comfortable for the people attending. We still have many people bringing chairs and putting them wherever possible which means that the speaker still has people sitting behind him. The programs have been well attended and the improved circle is appreciated by the visitors.

Final plans for the Shark Valley Loop Road interpretive installations were completed and all signs, etc. installed. Mr. Brown from Fort Myers gathered some material to support the Park's theme for water with the help of the Staff.

Naturalist Limmer presented for Chief Historian Robert M. Utley when he addressed the Historical Association of Southern Florida at their annual meeting.

Interpretive Services: Visitor contacts for this month were 161,422. This shows the naturalists at Royal Palm are operating on a four walk schedule instead of five as they did last year. Many times though groups have been too large for each walk

and one naturalist to adequately accommodate. When this happens, the group is split into two groups and after the introductory talk, one is led on the Anhinga and the other on the Gumbo Limbo Trails.
Special groups and outside talks for which we were already committed have been honored, but the situation demands that most outside talks be declined and special groups fit into the regularly scheduled walks and talks.

A guided walk every Tuesday has been given on the Pinelands trail this month. Attendance and comments indicate that the venture has been very successful. At Flamingo, the morning Bayshore walks and the Saturday wilderness hike have proven very popular.

The staff started a two programs per evening schedule at Flamingo and they still find the room full each time. Questions raised by a safety inspection of this room have not been answered by having the two programs, but it has, possibly, helped. The Flamingo staff does find giving two programs one right after the other each evening somewhat of a strain. The evening program on Wednesday nights at the Visitor Center continue to be very popular and people are having to be turned away because of lack of room.

The Royal Palm area remains one of the most popular of the Park. Two signs hanging over the doors to the building entrance have no doubt helped to guide people to the information desk.

Ranger personnel from the Gulf Coast District gave nine interpretive talks to a total of 746 persons during the month. These talks included six schools, one PTA, one church group and one Lions Club.

The Ranger-led Boat-a-cades continued operating with a total of 17 boats and 59 visitors participating. New routes were introduced from the Flamingo area including trips through the Roberts and North Rivers.

Research and Observation: The Park's major rookeries, including East River, Rookery Branch, and Cuthbert were surveyed this month. All were reported active. Traffic into these areas by airboat or boat was halted and aerial observation will be the only means used until the rookeries are well formed and the birds on their way to a successful nesting season. The question is, will water remain long enough for the parent birds to be able to feed the young.

The wonderful display of wading birds, which this year included many spoonbills, at Coot Bay Pond and the other two ponds in that area was very short-lived this year. Food supplies were apparently depleted quickly and the birds have moved away from the roadside ponds.

Huge concentrations of birds were observed northwest of Bear Lake by the Park aircraft and also by members of the Park staff on a canoe patrol along the Homestead Canal.

Fish in the shallows of Florida Bay were so slowed by the 33° temperature on January 17 that several snook were caught by hand.

On January 27 bream and the larger bass in the main pond at Royal Palm were gasping for air at the surface and some died. Wind and bright sunlight postponed the die-off until a later date, but the water level is dropping very fast and the oxygen level reaching the critical point.

Protection: One of the heaviest hunting (deer) seasons in South Florida ended January 3. Hunting in the Hole-in-the-Doughnut area and the 10-Mile Corner section adjacent to the Park were particularly heavy this season.

Park Rangers participated in a record of 16 boat rescues during the month. One of particular interest involved two men who failed to sign out at the Flamingo boat registration desk. Their craft broke down in the Snake Bight area of the Park and they were stranded for three days. tThe craft was finally sighted by a Park Ranger who waded across the mud flats to get to the men. They were found suffering from exposure as the temperature had gone down to 33° the night before. With the cooperation of the Park concessioner, they were taken to the Flamingo motel, given warm baths, and hot coffee. Both men apparently suffered no permanent ill effects from the experience.

An argument involving two Everglades Park Co. concession employees ended in a stabbing. The victim was taken to Homestead hospital where several stitches were necessary. This incident was investigated by Park Rangers and an agent from the FBI.

Two cases of vandalism in the Royal Palm Subdistrict were investigated.

A preliminary hearing involving the shooting of deer within the Park was held before the U. S. Commissioner on January 14. On request of the defendant and his attorney, the case was bound over to Federal District Court in Miami to be heard at a later date.

Patrol mileage for the Park was as follows: Motor vehicle 13,654 miles; Air Boats 72 mi.; Glades buggy 53 mi.; Boat 2,015 mi; Total 15,794 miles.

Forest Fire Protection: Two members of the Ranger Division attended a two-day rural fire training session conducted by the Florida Forest Service held at the Dade County Civil Defense Headquarters.

A total of 20 burning permits were issued to farmers in the Hole-in-the-Doughnut and the East boundary protective zone.

Insect and Tree Diseases: The Department of Agriculture Quarantine Division started their annual project eradicating wild cotton in the Park in an attempt to control the pink bollworm. Project started this year with activation of the Flamingo camp on January 8. Initially, a one-team 12-man crew is being used.

Building Fire Protection: Building Fire Control Plan for Flamingo has been revised and rewritten to include the expanded facilities located in this area. Fire brigade training at Flamingo and Pine Island was conducted during the month.

Concessioners: Mr. Robert B. Knight, President of Everglades Park Co., Inc. conferred with the Master Plan Team here on January 12.

Resource Planning

Water Resources: Hydraulic Engineer Nix accompanied by Mr. James H. Hartwell of the U. S. Geological Survey, Miami, Fla. went to Washington, January 26 to confer with hydraulic engineers of the Regional and Washington Offices concerning the

planned interim releases of water from Conservation Area No. 3 of the Central and Southern Florida Flood Control District. Mr. Nix and Mr. Hartwell were to remain in Washington until February 1 when they would go to Tallahassee where Director Hartzog was to speak, February 2, at the Governor's Conference on Water Resources.

Superintendent Joseph and Hydraulic Engineer Nix spent January 7 and 8 at Vero Beach, Florida meeting with the Florida Work Group on interim water releases for the Park.

Mr. Don Lee and Dr. George Sprugel of the Washington Office arrived in Miami, Fla. for the hearings by the Corps of Engineers to be held on the 19, 20, and 21 in Miami, Clewiston and West Palm Beach, Florida respectively. Dr. Sprugel, Mr. Lee, Superintendent Joseph and Hydraulic Engineer Nix attended the hearings on the Everglades National Park water supply in each of the three cities.

Status of Private Lands: During the month an inventory was completed of the buildings located on the newly acquired tract in the Hole-in-the-Doughnut transferred from the FHA to the Park Service.

Cooperation with other Federal, State and Local Agencies: Transportation was furnished USGS personnel in reading water gauges located throughout the Park. Dr. F. C. Craighead accompanied personnel on several of these trips.

The State Board of Conservation, U. S. Dept. of Agriculture, U. S. Coast Guard all used docking facilities for short periods at the Gulf Coast Ranger Station. This courtesy was rendered these agencies while they were conducting business in or adjacent to Park waters.

Cooperation with Non-Government Agencies: Mr. Frederick Vosburgh, Vice President and Associate Editor of the National Geographic Society, spent several days in the park exploring the possibility of an article on the water situation for that publication. He conferred with the Chief Park Naturalist, Hydraulic Engineer, and Superintendent. He was escorted by the Asst. Superintendent, the Management Assistant and Everglades National Park Collaborator and National Geographic Photographer Frederick K. Truslow.

General Publicity: Mr. Larry Henderson, Night Editor of the Detroit News visited the Everglades, Florida area of the Park. He then crossed the State and entered the balance of the Park, with a stop at headquarters.

Public Relations: Superintendent Joseph flew to Fort Jefferson to officially greet Asst. Secretary of the Navy Ken Belieu and his party who were spending the day at the Fort. Read Admiral Thomas A. Christopher, Commanding, U. S. Naval Base, Key West was also in the party.

On Sunday, January 23, Superintendent Joseph met District Ranger Stokes and a group from Everglades, Florida at the new Shark Valley Loop Road and accompanied them on a guided tour of the road prior to opening to the public.

On January 24, the Superintendent met with the Broward County Audubon Society for the same purpose.

The Park was represented by Superintendent Joseph and Management Assistant John R. DeWeese at the Employee of the Year Award luncheon in Miami.

Mr. Stephen Raushenbush of the National Park Association arrived in the Park on January 24 to get information on the Park's water problem.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Eastern Office, Design and Construction awarded Professional Services contract No. 14-10-009529-2813 in amount not to exceed $6,500 to Mr. Edward M. Ghezzi, Architect, 28 N. W. 14th Street, Homestead, Florida, for architectural services necessary for the completion of working drawings and specifications and providing supervision for the Alterations of Visitor Center, Parachute Key, and three 2-bedroom Employee Residences, Flamingo. Plans for the three 2-bedroom Employee Residences, Flamingo have been returned to Mr. Ghezzi by the Eastern Office, Design and Construction, for minor changes. Mr. Ghezzi has submitted alternate plans for the Alterations to Visitor Center to the Eastern Office, Design and Construction for selection of plan desired.

Construction of walks for the Concessioner Motel Units and Housekeeping Cabins at Flamingo is pending preparation of plans and specifications.

New Construction

Final Inspection is scheduled for February 2, on the Goodwin, Inc. Contract No. 14-10-0111-229 for Sewage Disposal , Water System Extensions and Driveways, Flamingo. Completion of Sewage Disposal is pending delivery of sewage ejector pumps which were shipped from Indianapolis January 21.

Harris Paving and Construction Co. Contract No. 14-10-0111-214 to Construct 7-Mile Fire Tower Road was accepted as 100 percent complete as of January 9.

Authority has been requested to drop the following Fort Jefferson National Monument project from the Monthly Progress Report in accordance with Program Adjustment WASO No. B64-14: Garden Key: Provide and Install Communication System, M-30. A lease rental communication system between Fort Jefferson National Monument and Everglades National Park is now in operation.

Installation of cabana porch on house trailer at the Tamiami Ranger Station has been completed. Water softeners for this site and 7-Mile Tower are being considered because of the hardness of the water in this area.

A construction crew is being recruited to go to Fort Jefferson National Monument to complete the General Cleanup portion of Project Construction Proposal M-27-1. Work is scheduled to start February 1 and to be completed in 60 days.

Conference and Meetings

Mr. Ludgate, Mr. Comstock, Mr. Ley, Mr. Thuring and Mr. Stewart on the Master Plan Team visited the Park and Fort Jefferson National Monument to finalize Master Plans for these areas.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED.
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): January 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-27-EVER							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	98	Balance of Day Labor Portion: $817.8
	Including Trailer Facilities,	U-72	11/63	2/1/63	&	July 65		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of campground and
	Fill (63)	U-79	11/63	3/22/63				Trailer facilities pending completio
	Construct Utilities (Water & Sewer)	U-81	3228A	6,229				of grounds improvements.
	Housekeeping Cabins, 36 Units, 12	B-139	11/63	6/6/63				
	Structures (63)	B-140	3224A	55,688				
		B-147	6/63	6/26/63				
		M-129-1	3223A	41,517				
		M-132-1	11/63	6/28/63				
				2,250				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				980				
				3/25/64				
				475				
				4/21/64				

41120

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): January 1965

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1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (64)	M-153		6,000 1/13/64 1,700 6/4/64 1,135 11/17/64	C & DL	Feb 64 Mar 65	95	D&C and P Installation of cabana porch has been completed. Installation of water softener is under study. Balance of Day Labor Portion: $339.5
1965	B-42-EVER Flamingo: Sewage System, East of Canal Utilities Extension (Water and Sewer), Residential Area (Por.) Fire Protection Facilities	U-76 U-63-1 M-152	3243 9/24/64	34,373 11/17/64 495	C	Nov 64 Feb65	C	D&C Contract #14-10-0111-229, Goodwin, Inc., orig. amt. of contract $37,047.50. Completion of sewage system is pending delivery of sewage ejector pumps See Work Order R-18-EVER for balance of funds.
1965	Flamingo: Employee Residences (2-bedroom), 3, Including Utility Connections and Grounds Improvements	B-136	3240A 1/1965	Est. 49,800 8/19/64	C	Mar 65 July 65	0	D&C Professional Services Contract No. 14-10-09529-2813 in amt. not to exce $6,500 was awarded to Edward M. Ghezzi, Architect, 28 NW 14th St., Homestead, Fla. for architectural services necessary for completion of working drawings and specifications, and providing supervision for altera tions to Visitor Center, Parachute Key, and three 2-bedroom Employee Residences, Flamingo. Plans have been submitted.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): January 1965

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1965	Parachute Key: Alteration to Visitor Center, Including Audio-visual	M-151	3219D 1/1965	Est. 27,700 8/19/64	C	Apr 65 / Jun 65	0	D&C Professional Services Contract No. 14-10-09529-2813 in amt. not to exceed $6,500 was awarded to Edward M. Ghezzi, Architect, 28 NW 14th St., Homestead, Fla. for architectural services necessary for completion of working drawings and specifications, and providing supervision for alterations to Visitor Center, Parachute Key; and three 2-bedroom Employee Residences, Flamingo. Plans have been submitted.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): January 1965

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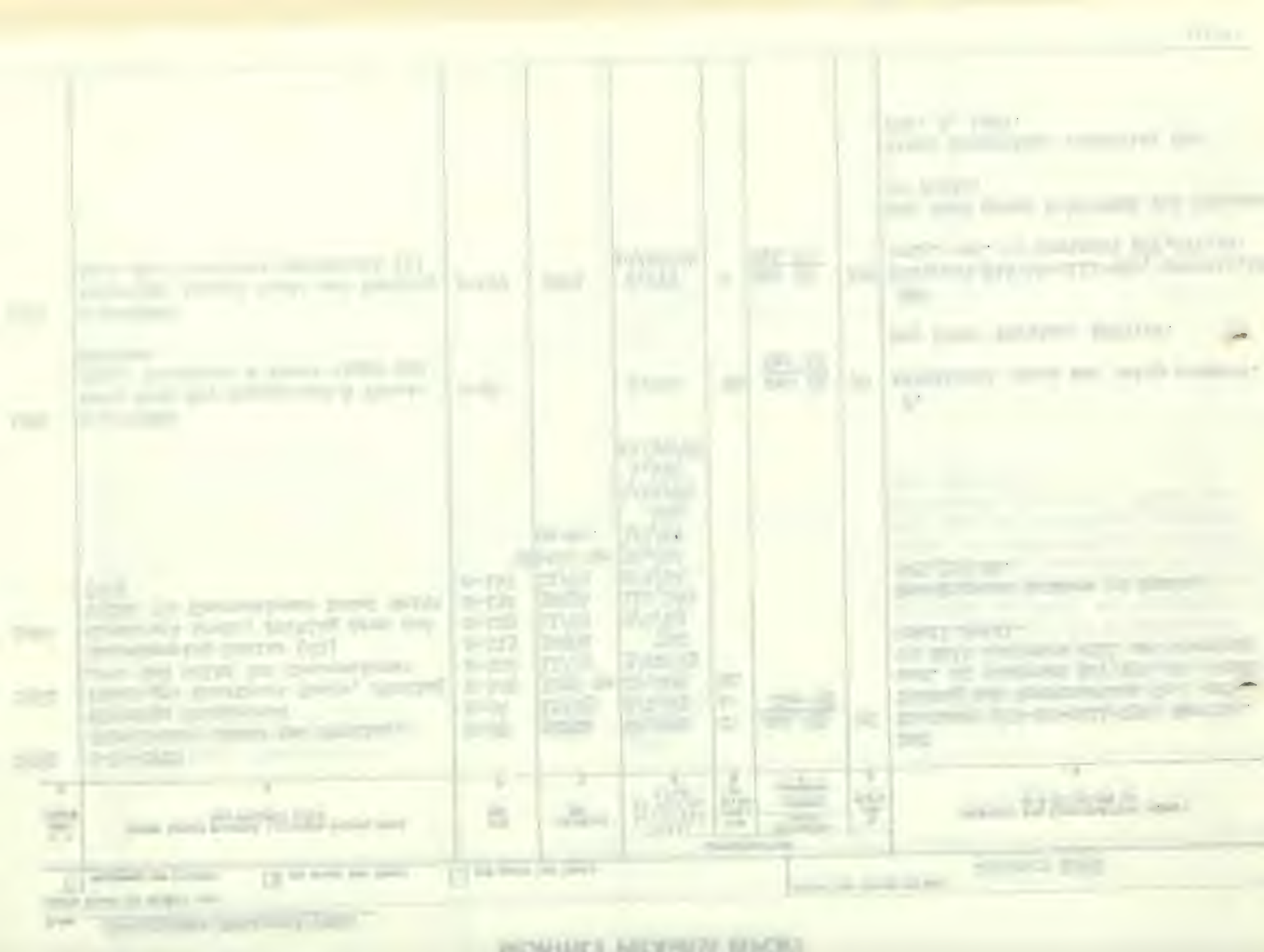
1963	R-14-EVER							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Contract #14-10-0111-230, Harris
	Flamingo Campground	R-94	11/63	8/1/63	&	Jun 65		Paving and Construction Co., orig
1961	Flamingo: Construct Roads, Parking	R-102	3236 Re	20,000	DL			amt. of contract $17,550.00. Work
	Area and Walks for Concessioner	R-106	11/63	3/22/63				on this contract will not commence
	Housekeeping Cabins (61)	R-113	3220A	750				until April.
1964	Construct Roads, Parking Area and	M-129	11/63	9/4/63				
	Walks for Concessioner Motel Units	M-132	3223A	112,145				Unobligated balance of funds:
	(64)	M-147	11/63	2/4/64				$23,353.82.
			Sketch Re	32,896				
			Un-No.	3/2/64				
				400				
				4/22/64				
				4,147				
				11/30/64				
1961	R-17-EVER							P.
	Long Pine Key Campground & Picnic	R-56		2,500	DL	Feb 64	98	Additional signs are being ordered.
	Area, Construct & Erect Signs and					Mar 65		
	Markers							Day Labor Portion: $295.24.
1965	R-18-EVER							D&C
	Flamingo: Access Roads and Parking	R-107	3243	2,675	C	Nov 64	100	Contract #14-10-0111-229, Goodwin, In
	Area for 2-bedroom Residences (3)			10/28/64		Feb 65		orig. amt. of contract $37,047.50.
								See Work Order B-42-EVER for balance
								of funds.
								Final Inspection scheduled for
								Feb. 2, 1965.



MONTHLY PROGRESS REPORT

Area Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) January 1969

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1969	S-25-4[illegible] Garden Key: Seeding & Fertilizing (Parade Ground)	S-25	[illegible] 1/4069	3,000 [illegible]	DL	Feb. 69 / Sept 69	45	P. Unobligated balance of Funds - Day Labor: $2,506.69 Completion of project is pending final clean-up of Parade Ground.
1969	S-25-4[illegible] Repair and Repointing Fort Walls and Demolition and General Cleanup	S-27-1	[illegible] 1/1139	$7,400 T/13[illegible]	DL	July 68 / July 69	25	P. Unobligated balance of Funds - Day Labor: $11,454.31 Construction crew is being recruited to complete cleanup portion of this project. Repair and Repointing of Fort walls are under study.
1969	Garden Key: Construct New Water System	* S-25-1	[illegible] 1/1[illegible]	Inc. $1,[illegible] [illegible] $2,[illegible] 1/1[illegible]	C	Jan 69 / June 69	0	DO Funds deferred until a feasibility study is completed and analyzed, as per Program Statement [illegible]

*Master Plan for Fort Jefferson NM is now being revised and is in final draft stage in the Regional Office. Immediately upon approval of the Master Plan, Project Construction Proposals for these projects should be revised and funds then rescheduled.

MONTHLY PROGRESS REPORT

Area [illegible]

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) January 1960

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE		PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING	CONSTRUCTION: ESTIMATED DATE COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2		3	4	5	6	7		8	9
[illegible]	Devils Lake: Construct Employee Residences (2), 3 - 2-bedroom, 1 - 3-bedroom	*	D-26-1		Est. [illegible]	C	[illegible]		0	D&C Funds withheld until a feasibility study is completed and analyzed as per Program Adjustment 1960-37 (see pg-1-D) request action 303-37 (see pg-1-D).
1960	Devils Lake: Construct Sewage Disposal System	*	D-16-1		Est. [illegible]	C	Jan 60 Jun 61		0	D&C Funds withheld until a feasibility study is completed and analyzed as per Program Adjustment 1960-37.
1960	Devils Lake: Provide and Install Incinerator System	*	D-31		Est. [illegible]	C	Jan 60 Jun 61		0	D&C Memorandum dated Dec. 21, 1959 to implement Office prepared written to drop this project from report. As per Eng. Office Program Adjustment 303-37, 304-13 and 304-14
1960	Devils Lake: Construct Fire Protection System	*	D-41-1		Est. [illegible]	C	Jan 60 Jun 61		0	D&C Funds withheld until a feasibility study is completed and analyzed as per Regional Office Program Adjustment 304-21.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): January 1965

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	Garden Key: Construct New Electric System *	U-2-6		Est. 66,000 8/24/61	C	Jan 66 / Jan 67	0	Funds deferred until a feasibility study is completed and analyzed per Program Adjustment WASO B-62-[illegible].
			Re	66,000 1/8/62				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): January 1965

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1	2	3	4	5	6	7	8	9
1964	APW-64-4-EVER Construct Road to 7-Mile Fire Tower	R-34-1	3234 12/1963	239,565 1/31/64 12,048 1/31/64 400	C	Feb 64 Jan 65	100	D&C Contract #14-10-0111-214, Harris Paving and Construction Co., ori. amt. of Contract $238,565.75. Final Inspection was held Jan. 9 and accepted as of that date. Completio date of contract was Jan. 8, 1965. Liquidated damages in amt. of $50.00 was deducted from last payment. Letter of Acceptance was issued Jan. 13, 1965. Request for Release of Claims issued Jan. 21, 1965. Final estimate submitted Jan. 21, 1965. Underrun on contract was $.25 Work Order APW-64-4-EVER (Rev. #2) returned total unobligated balance o $400.52 which included $.25 underrun on contract, $50.00 for liquidated damages on contract, and $350.27 which was protion of $1,000.00 provided for EODC Engineers travel expenses on original Work Order.

41170

Summary of the February 1965 Monthly Narrative Report
for
Everglades National Park

		Page
GENERAL:		
Weather:	Daily averages in the mid-70's.	1
Travel:	Increased 25% over last February. Set a new high for any month in history of Park Camper use increased 4% over last February. Concessioner reports 27% higher patronage than last year.	1
Visitors:	Director Hartzog, Lord and Lady Brookeborough and many others.	1 & 2
Special Activities:	Superintendent attended Southeast Region Conference. Shark Valley Loop Road Opened to Public. NPS and Concessioner represented at Miami International Boat Show. Aerojet aided following explosion	2
Miscellaneous:	Park Ranger Lee Chamberlaine married on February 22. He and wife Betty now reside at Tamiami Ranger Station.	3
ADMINISTRATION:	Few personnel changes.	3
CONSERVATION INTERPRETATION AND USE:	Facilities jammed with record crowds 13,169 persons visited new Shark Valley Loop Road and Observation Tower in 22 days. Capacity crowds at Flamingo evening programs. 9-Mile Pond temporarily closed to fishing. Request for concession sales made for Shark Valley Loop Road and Observation Tower.	3,4,5 & 6
RESOURCE PLANNING:	NPS representatives attended Governor's Conference on Water Resources for Florida. Proposed Job Corps Center in Everglades considered. Isotopic study of water flow in aquifer proposed by University of Miami.	6

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

February 1965

General

Weather Conditions: Warm, balmy temperatures, prevailed during February. This "tourist weather" boosted Park visitation to a new historic high. Temperatures ranged as high as 88 degrees at Tamiami to a low of 33 degrees at Royal Palm. Daily averages, however, were in the mid-70's. Rainfall was moderate and well distributed throughout this area. Royal Palm received two inches which is slightly above the 10-year normal. Total precipitation at Flamingo was 3.87 inches, well above the average for that station. The water table rose during February and the Taylor Slough gauge read 3.42 feet on the 28th of the month. This compares with 3.07 for 1964 and 2.70 recorded on January 31, 1965. Several days of strong winds produced rough boating conditions in Florida Bay and along the Gulf Coast. On five days, small craft warnings were displayed in this area.

Increase in Travel: Visitation to the Park continued its climb, started in January, with a total of 125,747 persons entering the Park during the month. This represents a new high for any month of visitation in the history of the Park and is 25% above the total for February 1964. Yearly visitation to date is 226,391 or 22% over that of last year. Camper use in the Park is still increasing with a total of 28,439 persons using the two camping areas, representing a 4% increase over February 1964. The Park Concessioner was also enjoying the benefits of increased visitation and recorded a 27% higher patronage than last year.

Visitors: Visitors represented 47 of the 50 States as well as 7 Canadian provinces, 1 U. S. territory and the following foreign countries: West Germany, the Netherlands, British West Indies, Brazil, Madagascar, France, Equatorial South Africa, Ireland, Israel, Sweden, Germany, Cuba (refugee), Spain, Haiti, Italy, Switzerland, United Kingdom, Denmark, and Belgium.

List of visitors include:

Mr. Otis Imboden, National Geographic photographer
Mr. M. Rumbaitis, Engineer Eastern Office Design and Construction, NPS, Phila., Pa.

List of visitors continued:

Mr. Harthon L. Bill, Res. Mgmt and Visitor Protection, WASO, Washington, D. C.
Mr. Leonard Pardue, US Weather Bureau, Miami, Florida
Mr. Boyd Evinson, Chief, Naturalist, Hot Springs National Park, Hot Springs, Ark.
Mr. Luther H. Hodges, former US Secretary of Commerce
Lord and Lady Brookeborough, former Prime Minister of Northern Ireland
Senator Harry Flood Byrd, US Senator from Virginia, Berryville, Va.
Mr. Art Marshall, US Fish and Wildlife Service, Vero Beach, Florida
Mr. Hasan Sabri, Tahir, guest of the US State Dept. from Cypress
Dr. and Mrs. John Rankin, Program Director for Environmental Biology, National Science Foundation
Mrs. Jessica Kraft, Sagamore Hill National Historic site.
Mr. Rudolpf Venakamp, guest of US State Dept. from the Netherlands
Mr. Jerry Hansler, US Public Health Service, Atlanta, Ga.
Mr. William Garn, US Border Patrol, Miami, Fla.
Mr. Walter Gresch, Regional Director, US Fish and Wildlife Service, Atlanta, Ga.
Mr. John Paez, Deputy Warden, N. J. State Forest Service
Mr. Robert Marsland,US Publix Health Service, Atlanta, Ga.
Mr. George B. Hartzog, Jr., Director, National Park Service
Mr. Ellison Hardee, Supt Pennekamp State Park, Key Largo, Fla.
Mr. Dallas Barkdull, Customs Investigator, US Treasury Dept., Maimi, Fla.
Mrs. Carolyn Patterson, National Geographic, Washington, D. C.
A. Nim, Bangkok, Thailand, College Professor

Special Activities: Director and Mrs. Hartzog spent a weekend in the Park, accompanied by Mr. and Mrs. Paul Phillips. While here they inspected the Royal Palm Area and Anhinga Trail.

Superintendent and Mrs. Joseph attended the Southeast Region Superintendents Conference in Richmond, Virginia from February 15 through 19. Superintendent Joseph was the moderator for a two-hour panel on Thursday on the "Creeping Centralization of Authority."

A press release was issued on the opening of the Shark Valley Loop Road and Tower to the public on Thursday, February 4.

Two members of the ranger staff attended a special class on cardiac massage and resusitation given by the Dade County Civil Defense organization at their headquarters in Miami.

A park ranger was assigned to assist in manning the Everglades Park booth at the 6th day Miami International Boat Show.

On February 21, a serious explosion occurred at the canal construction project on Aerojet General property adjacent to the Park. The Sheriff's office asked the Park Service for assistance in locating the 3 victims of the explosion. Two men in a Service airboat were used helping to locate bodies of those involved.

Miscellaneous: Dr. and Mrs. John Rankin of the National Science Foundation spent a weekend in the Park.

Dr. Hansler and Mr. Paul Henderson of the U. S. Public Health Service spent a week at Flamingo working on the mosquito situation.

The final inspection and acceptance of the Goodwin Contract at Flamingo was made on February 2. Mr. M. Rumbaitis from EODC was here to accompany the group in this inspection.

Park Ranger Lee Chamberlaine and his wife Betty returned to Tamiami Ranger Station after a short honeymoon in Georgia. Ranger Chamberlaine was married on February 22.

Administration

Personnel: Delbert C. Galloway was given a TAPER appointment at Fort Jefferson National Monument effective February 21, 1965.

James A. Olson transferred from District Manager, Ft. Jefferson National Monument to Supervisory Park Ranger, Yosemite National Park effective February 27, 1965.

Conservation, Interpretation and Use

Interpretive Facilities: As was expected, facilities were jammed with the record crowd of visitors in the Park.

The Shark Valley Loop Road is well received and while many problems continue to arise, the visitor reaction to the facilities and the area are very rewarding. All indications point to the fact that it will be a very heavy use area in the near future. In the short time it has been opened and in spite of several cloudy and windy weekends 13,169 people have entered the area.

Walks and talks at Royal Palm are as popular as usual. Many times, the size of the group on a walk has limited the effectiveness of a single naturalist, and staffing has not always permitted splitting the groups.

Campfire talks at Long Pine Key are well attended again this month with crowds of 200 not unusual. Campers have been giving their own talks by putting an extension cord through the window of a restroom and projecting on the restroom wall. They are continually requesting illustrated talks and a place where they can be given on an impromptu basis. The Chief Naturalist had the experience of having his audience at a campfire arrive about 20 minutes late because the impromptu program ran past the 8:00 pm starting time of the regular scheduled National Park Service Program. Consideration should be given to this situation before next year.

Capacity crowds jammed the small room at Flamingo each evening program, in spite of the two programs nightly schedule.

Interpretive Services: Visitor contacts this month: 197,132. Manning of the Shark Valley Loop Road made it necessary to pull Naturalist Cunningham from Flamingo to Royal Palm, leaving only two men to try to carry on at Flamingo.

Two audio units are not working, leaving quite a gap in the overall program. The Florida Bay exhibit has been out of order for months and letters and telegrams are answered but the much needed message repeater remains at the factory. Highlights of the Everglades continues to be popular and has been sent to various places during the month.

Seasonal Naturalist Ross was accepted by the training school at Grand Canyon, making it necessary for additional rescheduling to cover the Royal Palm area. The small leaflet mimeographed for the Shark Valley Loop Road has been replaced with one printed by offset press and funded by Everglades Natural History Association. The leaflet will be given out on the honor basis in hopes that money received will offset the cost of printing.

The exhibit materials requested by the Sarasota Garden Club about the Park's water problem have been compiled and mailed.

Off-site talks scheduled previously scheduled were given to several organizations and schools this month. Many scheduled and unscheduled school groups have come to the Park to take the Anhinga Trail.

Park Rangers in the Gulf District gave 3 talks during February - 1 to the High School science group, 1 to the High School geography class and 1 to the Everglades City Lions Club.

Park Rangers conducted 4 boat-a-cades, 3 of which initiated from Flamingo. A total of 23 boats and 91 people made the trips.

Three off-site contacts by Naturalists Division were made to 272 people during month.

Research and Observation: Several flights have been made over the rookeries with Biologist Dr. W. B. Robertson, Jr. A series of photographs have been taken with an idea of determining numbers of nesting birds. It is recommended the ban on travel to these areas be maintained for the present.

Several rains have helped the water levels especially in Taylor Slough area. Spring migration has started with the appearance of swallow-tail kites and other birds moving through.

The presence of seals at the mouth of Shark River has been reported by two separate parties of visitors.

Protection: Pressure on the protection personnel increased with the opening of the Shark Valley Loop Road on February 4. This road (one-way) extending south from the Tamiami Trail to the old 7-Mile Tower and back has a total length of 15 miles. Over 13,000 visitors entered the area during the month. Rangers and Fire Control Aids maintain an 8 A.M. to 5 P.M. patrol in the area to protect the abundance of wildlife that can be seen.

Florida Power and Light Co. started their power line across the lower part of Taylor Slough. This line cuts across the extreme lower tip of Paradise Key into the Hole-in-the-Donut and to the newly constructed missile site there. Rangers accompanied Florida Power & Light survey crews on their initial trips across the area and have maintained close liaison between construction crews and Park Headquarters.

Nine-Mile Pond located on the Park Road was closed to fishing during February. This was deemed necessary to protect breeding stock of fresh water fish during the late winter and expected spring drought.

Park Rangers constructed the Otter Creek Nature Trail on the Shark Valley Loop Road. Several days of hard work by Park Rangers and Fire Control Aids were involved. Most of the time worked by these men was donated to the cause.

Ranger personnel conducted 6 boat search and rescue operations for lost or overdue boats. Coast Guard was asked in the location of one craft which was overdue according to the Float Plan Log. The boat was found two days later at Key West. The boat owner decided that while on a trip to Florida Bay to go on to Key West and neglected to change his return date on the register.

Upon request of the U. S. Coast Guard, the Park aircraft was used in searching for a lost Navy plane. The plane was last heard of in the Tavernier area. The Coast Guard asked that we search the Florida Bay areas which were in Everglades National Park. The lost aircraft was not located.

Case involving a low-flying aircraft was heard before the U. S. Commissioner during the month. The craft, a crop-duster, was seen flying extremely low during January 5 by Ranger Markette....Ranger Markette took the numbers of the aircraft, checked the local fields to find where it was based. A citation was issued to the operator to appear before the Commissioner. The defendant pleaded guilty and fined $500.00 by the Commissioner. The fine, however, was suspended.

Patrol mileage for the Park was as follows: Motor Vehicle 16,890; Boat 1,105; Glades buggy 64; Airboat 10; with a total of 18,069.

Wildlife and Fish Cultural Activities: On February 8 the Park staff was notified of the closing of Nine-Mile Pond to fishing, and upon erection of signs to this effect, the public was also notified by the issuance of a press release explaining that the action was necessary to conserve breeding stocks.

Concessioner: Sammy Hamilton of Everglades, Florida came to Park Headquarters with an informal request for concession sales items at the Shark Valley Loop Road. He was advised that at present such an activity was not being considered, but should it be in the future, he and others interested would be contacted and he could then present a formal proposal.

Resource Planning

Water Resources: Dr. Sprugel and Mr. Lee and Mr. Bill of the Washington Office met Mr. Nix and Superintendent Joseph at Tallahassee where all attended the Governor's Conference on Water Resources for Florida. Director Hartzog's address to the group was read as he was unable to attend.

Mr. Harthon L. Bill of the Washington Office spent several days here and conferred with Dr. Robertson, Dr. Craighead, Superintendent Joseph and other staff members regarding the blocking of culverts under the Park road to conserve fresh water, the natural mangrove terraces, and survival holes suggested by the Director as methods of conserving run-off of fresh water.

Dr. Ostlund and Mr. Harris of the University of Miami Institute of Marine Science visited the Superintendent to discuss with him the use of isotopes to determine the flow of water in the aquifer beneath the Park.

Superintendent Joseph and Hydraulic Engineer Nix attended the Miami-Dade County Chamber of Commerce meeting on February 8. The subject for discussion was the "Water Resources for Everglades National Park."

Proposed Job Corps Center: Assistant Superintendent Carroll A. Burroughs contacted Dr. Hand of the OEO Office regarding the reaction of the State of Florida to a proposed Job Corps Center for 100 men in the Hole-in-the-Donut within Everglades National Park, and delivered a proposal to him for his use. Superintendent Joseph had contacted Secretary of State, Florida, Tom Adams regarding this same matter. Secretary Adams reported the reaction of the Governor to such a Center was favorable. Superintendent Joseph's appointment with the Governor was cancelled because of the Governor's illness. Management Assistant John R. DeWeese contacted Mr. Cassel the Miami OEO representative regarding this Center proposed for establishment on the Iori lands within Everglades National Park and his reaction was favorable. A sampling of the local business, professional and civic leaders in Homestead received no adverse reactions to such a Center.

Proposal for Everglades Job Corps Center was sent to NCDC following telephone conferences with Washington and Regional Offices and with the Park staff.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Plans for the three Employee Residences at Flamingo were returned to Mr. Ghezzi for re-design by the Eastern Office, Design and Construction, and then returned for approval.

New Construction

Final Inspection was held February 2, on the Goodwin, Inc., Contract No. 14-10-0111-229 for Sewage Disposal, Water System Extensions and Driveways, Flamingo, and accepted. Completion reports for this project have been submitted.

It was determined to construct the walks for the Concessioner Motel Units with Park Forces because of the low cost of this project and to eliminate the cost for the preparation of plans and specifications for bid purposes. Work Order in the amount of $1,700.00 has been submitted for approval.

Project Construction Proposal M-30 to Provide and Install Communication System, Garden Key, Fort Jefferson National Monument was dropped from the Monthly Progress Report by authority of memorandum dated January 29, (file D22 SER(APC) from the Regional Office.

Costs have been obtained from three different companies for the installation of water softener at the Tamiami trailer site. Prices quoted were over the amount of funds available.

One permanent employee of the M&R Division in charge of a construction crew of five, including a cook, commenced the General Cleanup portion of Project Construction Proposal M-27-1 on February 14.

Conference and Meetings

Mr. George Hansler of the U.S. Public Health Service made Annual Environment Health Survey during the period February 22 thru February 25 of the Park and Fort Jefferson National Monument.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1963

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DA 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY (D & C) (R) OR (A) 9
1963	B-27-4858							(R)
	Flamingo Campground Development Including Water Facilities, Loops 2 and 3 Including Bottle Fill (61)	D-21	3004	137,461	C	Jan 63	97	Balance of May Labor Portion $5
		D-27	11.01	2,263	A	May 63		
		D-23	3006	23,000	DA			Installation of campground and
		D-27	11.03	3,000				heater facilities pending completion
	Construct Utilities (Water & Sewer)	D-23	3008	6,000				of grounds improvements.
	Housekeeping Cabins, 36 Units, 12 Structures (61)	D-130	11.03	6,000				
		D-150	3004	35,000				
		D-151	4.03	6,000				
		D-160-1	3004	11,000				
		D-130-1	11.03	6,000				
				2,000				
				6,000				
				2,000				
				1,000				
				1,000				
				1,000				
				1,000				
				1,000				
				300				
				1,000				
				477				
				1,000				

NPS 941304

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1964	E-[illegible] Provide and Install Sewage Treatment and Utilities, Tropical Images Station (GA)	E-17		6,200 1/13/64 1,700 6/4/64 1,137 11/17/64	C & DL	Feb 64 Dec 65	75	BAE and P Three quotations have been recei for installation of water softene which were over the amount of funds available. Installation under study
1965	E-42-[illegible] Planning: Sewage System, East of Canal Utilities Extension (Water and Sewer), Residential Area (Par.) Fire Protection Facilities	E-35 E-43-1 E-[illegible]	3843 2/24/64	34,373 11/17/64 20% 2/11/65	C	Dec 64 Feb 65	100	Re: Contract (21-12-011-20), Goodwin, I orig. amt. of contract $37,247.50. Final Inspection made Feb. 1 and contract accepted as 100% complete. Letter of Acceptance issued Feb. 4. Request for Release of Claims is Feb. 4. Final Estimate submitted Feb. 5. Work Order E-42-[illegible] (Dev. #1) is in of $[illegible].50 to provide additional fun for overruns on E&E portion of contra Work Order E-42-[illegible] (Dev. #1) issue to return unobligated balance of $717.30 for underruns on E&E portion of contract.

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) February 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Flamingo: Employee Residences (2-bedroom) 3, Including Utility Connections and Grounds Improvements	D-135	3/903A 1/1965	Est. 43,600 8/1964	C	Apr 65 / Aug 65	0	Plans were returned to Dr. Gerst by NPS for re-design and have again been submitted to NPS for approval.
1965	Purchase Key: Alternate to Visitor Center, Including Audio-visual	D-131	3/1965 1/1965	Est. 27,700 8/1964	C	Apr 65 / Jun 65	0	Plans are on the drawing board.

MONTHLY PROGRESS REPORT

Area: Yosemite National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1963

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: AMOUNT ALLOTTED AND DATES	CONTRACT (C) OR DL	ESTIMATED DATE: STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	3-14-[illegible]							DC
	Circulatory Roads and Parking,		3-21	60,000	C	Jan 63	75	Contract #14-10-0111-638, Merrill
	Plantings Campground		3-23	3/1/63	A	Jun 63		Boring and Construction Co., original
1962	Plantings: Construct Roads, Parking		3-107	80,000	DL			amt. of contract $17,550.00. Work
	Area and Walks for Concessioner		3-106	3/22/63				will not commence until April.
	Housekeeping Cabins (61)		3-113	750				
1964	Construct Roads, Parking Area and		3-329	3/4/63				Work Order 3-14-[illegible] (Rev. #1)
	Walks for Concessioner Motel Units		3-330	112,195				issued to provide funds in amt. of
	(64)		3-187	2/4/64				$2,700.00 to construct Walks for
				30,296				Concessioner Housekeeping Cabins by
				3/2/64				Day Labor. Work will commence when
				400				funds are approved.
				4/20/64				
				4,397				Unobligated balance of funds
				12/30/64				$23,063.30.
				2,700				
1961	3-17-[illegible]							F.
	Long Flat Day Campground & Picnic	3-56		2,500	DL	Feb 63	90	Purchase Order 11-005 issued for
	Area, Construct & Erect Signs and			2/12/63		July 63		signs. Installation pending
	Markers							delivery.
								Balance of Day Labor Portion: $20.50

MONTHLY PROGRESS REPORT

Area [redacted]

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) February 1963

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	[redacted] Garden Exp: Seeding & Fertilizing (Female Mound)	[redacted]	2003 1/1937	1,000 2/5/63	DL	Feb 63 Sept 63	40	P. Unobligated balance of funds - Day Labor: $1,636.39. Completion pending final cleanup of Female Mound.
1963	[redacted] Repair and Repaint Fort Walls and Incinerator and General Clearing	[redacted]	2003 1/1737	17,400 1/13/63	DL	July 62 July 63	95	P. One permanent employee of the NPS Division in charge of a construction crew of five, including a cook, commenced clearing portion of project on Feb. 14. Repair and Repaint of Fort Walls new under study. Unobligated balance of funds - Day Labor: $11,701.61.
1963	Garden Exp: Construct Sea Water System	[redacted]	2003 1/1937	60,000 2/26/63 to 90,000 2/5/63	C	Jan 64 Jan 67	0	860 Funds Authorized by Prog. Adj. 2(3)-63. Master Plan for Ft. Jefferson NM is now being revised and is in final draft stage in the Regional Office. Immediately upon approval of the Master Plan, Project Construction Proposals for these projects should revised and funds then reauthorized.

41120

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): February 1966

F.Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	CONSTRUCTION: % COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1967	Garden Key: Construct Employee Residences (6), 3 - 1-bedroom, 2 - 2-bedroom, 1 - 3-bedroom	3-15-1		Est. 120,000	C	Jan 66 / Jan 67	0	DSC Funds deferred by Program Adjs. 1966 D63-37; 1966 D63-45; Reg. Ltr. D63-17 and 1966 D63-19.
1967	Garden Key: Construct Sewage Disposal System	3-15-1		Est. 6,500	C	Jan 66 / Jan 67	0	DSC Funds deferred by Program Adj. 1966 D63-37.
1967	Garden Key: Construct Fire Protection System	3-17-1		Est. 3,300	C	Jan 66 / Jan 67	0	DSC Funds deferred by Program Adj. Reg. Office D63-19.
1967	Garden Key: Construct New Electric System	3-6-6		Est. 65,000	C	Jan 66 / Jan 67	0	DSC Funds deferred by Program Adj. 1966 D63-37

Ozark Valley overlook and building. Lamp is of granite grade 215 feet long. Building contains uniform restroom, quarters for a teaching fire lookout, and portable benches. Total height of tower is 63 feet.

Many seminars at the 63 foot level and visitors are attended an unobstructed view in all directions. Here, a variety of birds and wildlife are in their element.

View about ramp, parking area and incoming single lane road. Opened for the first time on February 4, 1963, the 30 car parking area has already been taxed on several occasions. Building in rear houses small power plant and well.

Entering pedestrian walk to Tower from parking area. Alligators abound in most which encircles all but the walk, during fall, winter, and spring months. Travel into this newly opened (2/4/63) area of Everglades National Park totalled 13,160 for February 1963.

Summary of the March 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Ideal, but slight rainfall for Park	1
Travel:	Visitors up 31%. Campers up 25% for first three months of 1965	1
Visitors:	Several foreign individuals and groups Others, many and varied	2
Special Activities:	Varied with display at Fair, campers clinic etc.	
Miscellaneous:	Representatives at Douth Dade County Fire Chiefs Association.	
ADMINISTRATION:	Forms 10-180-81 and 82 in progress; preliminary budget estimates forwarded as requested. Several personnel actions	3
CONSERVATION, INTERPRETATION & USE:	Permanent exhibits for Shark Valley Tower begun	4
	Flamingo Museum recording again installed	
	Mahogany seedlings planted.	
	East River Rookery checked for nesting activity and found to be at about 20% of former years	
	Good sale of trail guide pamphlets	
	Foreign meteorologists conducted into Park	
	Pinelands trail walk discontinued for season	
	First swallow-tailed kite sighted	5
	Two law enforcement cases tried	
	Wall built at Shark Valley Loop Road Observation Tower to protect visitors	
	Planning for additional fire tower in cooperation with State.	6
	Eleven survival holes now in existence	
RESOURCE PLANNING:	Mr. and Mrs. Frank E. Masland, Mr. Anthony Wayne Smith and Mr. George Leisure escorted to various sections of the Park.	7
	Superintendent hosted important guests at Lostmans River over weekend	
	Corkscrew Swamp Sanctuary certificate and plaque presented	
	Various addresses by Superintendent & Assistant Superintendent.	
	Job Corps activities were many and varied in planning for proposed camp	8

In reply refer to:
A2823

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

March 1965

General

Weather Conditions: Total rainfall for the month was 1.02" as compared to 0.05" for March 1964. Heaviest rainfall occurred on 3/4/65 when 0.59" was recorded at the Royal Palm Station. The ten year average rainfall for March is 2.33". The Taylor Slough reading for March 31, 1965 was 2.35' as compared to 1.60' for 1964. The reading showed 3.42' for the end of February 1964. The weather continued its warming trend with no precipitation. Temperatures ranged from a high of 90° at Royal Palm to a low of 40° at the same point.

As the water table continued to drop, farming activities along the lower elevated sections of the east boundary and Hole-in-the-Donut increased. Farmers are receiving high returns from such crops as cucumbers, pole beans, squash, and tomatoes. More virgin land is being plowed up daily. This is particularly noticeable in the Hole-in-the-Donut area where most of the remaining pine lands in private ownership go down in front of the bulldozers. The South Florida farmer is no longer specializing in tomatoes, but has diversified by planting other crops such as corn, bush and pole beans, yellow squash, cucumbers, and potatoes, thus broadening the base of farming in this area. With the advance of the urban areas and continuing draining by the South Florida Flood Control District, lands previously thought worthless are now coming under the plow. Within a few years, most of the property along the east boundary and that not owned by the Service in the Hole-in-the-Donut will be under cultivation.

Increase or Decrease in Travel: Early in the month all facilities were overloaded. Daytime and evening programs had huge attendance. Toward the month's end there was an influx of college students and teachers. This is expected to continue until Easter.

Visitation records were broken for the third consecutive month. This month, a total of 134,000 persons entered the Park, thus continuing an upward trend started during the first of this year's visitor season. Visitation for March was 31% greater than last year and 25% above that recorded in the first three months of 1964.

Camping, too, has continued the upward trend with a total of 7,745 persons or 19% more people using facilities than in March 1964. Camper use for the first

three months of 1965 showed a 25% increase over a like period last year. This is in the face of an early March influx of mosquitos at the Flamingo campground which drove many campers from the area. However, this infestation did not affect the Long Pine Key campground and actually increased its use by campers.

Visitors: List of visitors include:

Mr. Thomas Finley, U. S. Forest Service, Tallahassee, Fla.
Mr. Robert A. Harper, U. S. Forest Service, Tallahassee, Fla.
Mr. A. Nim, College Professor, Thailand, Bangkok
Mr. W. H. Harris, Hydrologist, University of Miami Marine Lab., Miami, Fla.
Mr. A. Ydfalk, Hydrologist, University of Miami Marine Lab., Miami, Fla.
Mr. Ted Baer, Southeast Regional Office, Richmond, Va.
Mr. R. C. Hill, Dist. Forester, Fla. Forest Service, Tice, Fla.
Mr. C. F. Pierce, Recreation Forester, Fla. Forest Service, Tallahassee, Fla.
Mr. J. K. Wagar, Forest Recreation, Colorado State Univ., Colorado
Mr. C. T. Rubins, HRB Singer Co., Pennsylvania
Mr. R. B. Haymes, HRB Singer Co., Pennsylvania
Mr. Sven Gillsater, Photographer, Stockholm, Sweden
Mr. Norman G. Levine, Photographer, Aetna Life, N. Y.
Dr. Ed Syell, Washington, D. C.
Mr. C. Wilson Brundy, Home Mission Board, Atlanta, Georgia
Mr. G. D. Bryant, Editor, Providence, R. I.
Mr. Allen E. Crowley, Dist. Supervisor, Fla. Park Service, Sarasota, Fla.
Mr. Thomas Savage, NPS, Gatlinburg, Tenn.
Mrs. Inelle Buchanan, Service Adviser, Southern Bell Telephone Co.,Coral Gables
Mr. F. D. Brahan, painter, The Netherlands
Dr. John Keshishian, Washington, D. C.
Dr. Turner Reuter, Washington, D. C.
Dr. Ranson, Ornithologist, England
Mr. and Mrs. Sabins Robbins, Newsletter Editor, National Geographic Society
Mr. John Hunter, Jr., Photographer affiliated with Outdoor Writers Association of America
Mr. Robert Hall, Chief, EODC, and Mrs. Hall
Mr. Don Nutt, Supv. Architect, EODC
Mr. Ken Goslin, Coordinating Architect for Job Corps, Washington, D. C.
Mr. Tom Smith, Asst. Illus. Editor, National Geographic Magazine, Washington, D.
Mr. Frank M. Masland, Advisor to Secretary of Interior, Carlisle, Pa.
Mr. George Leisure, President, National Park Association
Mr. Anthony W. Smith, National Park Association
Mr. Howard Juergenson, State Department guest, Munich, Germany
Mr. Ted Smith, National Capital Parks
Mr. Nimmanahaemindo, State Department guest, Thailand
Mr. Otis Imboden, National Geographic photographer
Mr. Frank Borgman, Advisor to Secretary of the Interior
Dr. Kai Curry Lindahl, Visiting biologist from Sweden
Drs. Farrell and Farrar - Vanderbilt University
Judge Dan Hanni, friend of Congressman Kirwan
Mr. James Geary, Executive Secretary, Virginia Civil War Centennial Commission, Richmond, Virginia, accompanied by Mrs. Geary
Mr. Herman Loepfer and Mr. Fritz Graf Broekdorff, Hamburg, Germany

Special Activities: The preparation of water survival holes ('gator holes) was started during the month. With the aid of demolition experts from Homestead Air Force Base, Rangers collected spots where, with a minimum of effort, survival holes could be maintained. For the most part these were old 'gator holes that had been filled with debris. Explosives were placed in these locations and muck and silt deposits removed. Excellent success was noted in most cases and it is planned that this project be continued as time permits.

Park Rangers prepared a picture display that was placed on exhibit at the five day South Dade County Fair.

The same exhibit used at the South Dade County Fair was also used in conjunction with a screen slide projector at the 6th Annual Camping Clinic sponsored by Dade County Parks and held at Owaissa Bauer Park. Girls from the Ranger Aid Scout Troop supervised by Mrs. Raymond T. O'Dell handled this exhibit in an excellent manner.

The Singer Co., doing work for the Air Force on infra-red photography, completed the second phase of their work and left the Park area on March 22.

The Department of Agriculture Wild Cotton Eradication project was in full swing by the end of this month. The number of men stationed at the Flamingo camp was doubled. The crews were operating in most of the Keys and lower mainland areas of Florida Bay. This project will continue through April.

Miscellaneous: The Chief Ranger and Assistant Chief Ranger attended a meeting of the Dade County Fire Chiefs Association. Representatives from most county departments, as well as those from other State and Federal agencies interested in fire control were present. The meeting was held at the Homestead Fire Department on March 27.

Administration

Management Analysis: Forms 10-180, 10-181, and 10-182 were begun for employees.

Preliminary budget estimates were prepared and forwarded as requested.

Work was begun on annual performance ratings for employees.

Personnel: Changes: HITE, Beverly A. GS-318-5 (Secretary, Dictating Machine Transcriber) converted to career tenure 3/19/65.

TREUSCH, Gloria C. GS-316-4 (Clerk, Dictating Machine Transcriber) adjusted to full-time effective 3/29/65.

Separations: FORD, Adelia B. GS-316-3 (Clerk, Dictating Machine Transcriber) resigned -- RIF effective 3/12/65.

WHITEHOUSE, James R., Jr., GS-453-10 eob 3/13/65 to accept position as Deputy Director, Job Corps Center, Great Smoky Mountains National Park as GS 301-11.

Conservation, Interpretation and Use

Interpretative Facilities: The planning and designing of permanent exhibits to replace the temporary ones at the Shark Valley Tower was started.

The Florida Bay recording was installed again in the museum at Flamingo after being out for repairs for several months.

The projection equipment in the Parachute Key Visitor Center continues to be most undependable.

Thirty mahogany seedlings were planted along the Crocodile Point Road by Dr. Craighead, Gene Simmons and Bruce Sloane.

Naturalists Mrazek and Sloane and Mrs. Sloane checked East River Rookery for nesting activity on March 26. The rookery was operating at about 20% capacity of former years.

Film Highlights of the Everglades was loaned to six groups during the month.

Interpretive Services: The two trail guide pamphlets, Mangroveland and Shark Valley Loop Road continue to do well. The guide to the Shark Valley Loop Road being sold on the honor system, is doing particularly well with enough revenue being realized to perpetuate its publication.

A group of foreign meterologists, guests of meterologists of this country, from USSR, West Germany, Canada, Malagasy Republic, and Bahamas were given special attention on their trip in the Park by Chief Naturalist Christensen. They were given a trip along the Anhinga Trail and later used other trails in the Park after lunching at Flamingo.

The new conducted walk along the Pinelands Trail was discontinued in mid-March as campground visitation dropped. It was considered a successful program and will probably be used again next winter.

Upon urging from Frank E. Masland, "The Park Story" evening program has been altered to give more attention to the water problem.

The full winter schedule of Naturalist programs except for the cancellation the last of the month of the guided walks on Monday and Thursday and one evening program nightly at Flamingo was continued and will continue until the summer schedule is adopted.

Park Ranger-conducted boat-a-cades continued during March. Some increased interest in this activity was noted in the Mangrove District.

Naturalist Mrazek conducted a field trip along the Crocodile Point Road for 11 students from Culver Stockton College, Missouri, March 30.

He also conducted an autocade for the Audubon Workshop to Mahogany Hammock on March 14.

Research and Observation: The first swallow tailed kite of the season was seen by Park Ranger Don Castleberry on March 10, in locations over the hammock on Park Service property at Key Largo.

Checks of sports fishing catches by Park Rangers indicated that trout and redfish are being taken in good numbers and size throughout the Florida Bay area.

Many off-shore commercial pompano fishermen are changing to hook and line commercial trout fishing as the summer season begins. Park Rangers are contacting these men, inspecting their boats and issuing commercial operation permits to them. Crawfish season closed March 30. This has been a rather poor season for commercial crawfishermen, particularly those operating adjacent to Park waters. Crawfishing for commercial purposes is illegal within the Park.

Protection: Two law enforcement cases were heard in the U. S. District Court during March. One was of long duration.

In January 1963, Rangers Carlson and Hackenbracht arrested two men who were stopnetting for fish along the Gulf Coast of the Park. Defendents refused trial in the U. S. Commissioner's court and requested their case be heard in U. S. District Court. Their attorney questioned the jurisdiction of the Park Service in this area. This question was settled by Federal Judge Choate last month and their case came to trial in March. The men were charged with the State regulation of stopnetting and a Federal regulation for possession of firearms. The judge found the two defendents guilty of possession of fire arms and placed them on probation for 18 months with the provision that they report to their probation officer monthly, however, the men were acquitted on the stopnetting charge due to the court's interpretation of the Florida Statute on which they were being tried.

The second case involved a man accused of killing a deer in the Park. The incident occurred in December 1964. It is interesting because the only evidence the Service had was furnished by a witness employed by a local contractor working at the Missile Base in the Hole-in-the-Donut. Before the case actually came to trial the defendant changed his plea. The case was heard before Judge Choate. The judge fined the defendant $200.00.

Four cases for minor violations ranging from speeding to possession of firearms were heard before the U. S. Commissioner. All defendants were found guilty as charged.

Park Rangers rendered first aid to a man suffering from a stroke while visiting the concession motel. An ambulance was summoned from Homestead and the man taken to the hospital.

An attempted suicide and shooting and aggravated assault case occurred in the Hole-in-the-Donut during March. Park Rangers assisted the Sheriff's office

in the investigation in one case and in the second case apprehending the defendant.

Park Rangers participated in two boat rescues during the month.

Park Rangers and Fire Control Aids constructed a wall 300 feet long at the Shark Valley Lookout. This wall was placed along the canal near the parking area where alligators and Park visitors came eye to eye with each other. To date this seems to be very satisfactory - the alligators and the visitors are staying on their respective sides.

During the month, eagle census and the great white heron census for the Park area were completed. In order to get a good aerial count of these two birds flights must be made as near as possible on consecutive days so that a minimum of lap counting is done.

Patrol mileage for the Park was as follows: Motor vehicle 16,359; Boat 2,240; Airboat 30; Glades buggy 70; Aircraft 8,500; Total 27,199.

Forest Fire Protection: As is usual this time of the year, fire danger is on the increase. Rainfall was light, mostly concentrated during the first four days of the month. Since that time little or no precipitation has been recorded at any of the Park stations. Pinelands are extremely dry and the higher rocky glades in critical condition. The only area where fire danger has not reached the critical point is the middle of the Shark Slough where soil moisture conditions are still fair. However, if the water table continue to drop, this area too will reach critical stage within two or three weeks.

Dade County and the Florida Forest Service are discussing the possibility of bringing the county under protection by the Forest Service. At the present time, the Florida Forest Service maintains one fire tower located at Naranja. However, no other protection is given. If this agreement is reached and Dade County furnishes some funds, the Forest Service will construct two additional fire towers in South Dade County - one located near the junction of Tamiami Trail and State Highway 27; the other southeast of Florida City. They also plan to place two suppression crews, which will probably be located at the tower sites, in the county. If this comes to pass a Cooperative Agreement between the Florida Forest Service-Everglades National Park-Dade County and Everglades Fire Control District will be instigated and for the first time the Park will be given assistance in fighting fires in the protective zone adjacent to our boundaries. The final decision of whether Dade County will be included probably rests with the soon to be appointed County Manager for Dade.

Wildlife and Fish Cultural Activities: With the continuing assistance of personnel from the Homestead Air Force Base several additional survival holes were blasted in the glades during the month. One of these, a hole approximately 8 feet deep, by 20 feet wide and 30 feet long, blasted in a slight depression, filled very rapidly, immediately after the blast. Two weeks later had a small 'gator with evidence of a larger one having been there. We now have a total of 11 survival holes.

Resource Planning

Water Resources: A conference was held with Dr. C. P. Idyll of the Institute of Marine Science, University of Miami, on the Park's water problem. Following this meeting Superintendent Joseph accompanied Mr. Anthony Wayne Smith to see Mr. John Pennekamp, Associate Editor of The Miami Herald.

See item under "Wildlife and Fish Cultural Activities" regarding progress on survival holes.

Cooperation with Other Federal, State or Local Agencies: On March 25 a conference was held with Mr. R. Peach, FAA regarding the proposed Everglades, Florida airport.

Public Affairs

Public Relations: Mr. Sabin Robbins of National Geographic Society was in the Park March 12 through 14. He is the Editor of Newsletter.

District Ranger Richard A. Stokes was loaned to DeSoto National Monument for their annual celebration.

Mr. and Mrs. Frank E. Masland of Carlisle, Pa. spent March 6 to 22 in the Park. During their stay at Flamingo the Superintendent and other staff members escorted them, as well as Mr. Anthony Wayne Smith and Mr. George Leisure into various sections of the Park including the new Shark Valley Loop Road.

The Superintendent hosted Generals Creer, MacPherson, and Colonel Hohman of Homestead Air Force Base at Lostmans River over a weekend. Also in the party were Robert B. Knight, president of the Everglades Park Co., Inc., concessioner at Flamingo and John Pennekamp, Associate Editor of the Miami Herald, Frederick K. Truslow, National Geographic Society photographer and Park collaborator, and Mr. Frank Masland.

On March 23 Superintendent Joseph, accompanied by Dr. William B. Robertson, Frank Nix and William Alexander, presented the certificate and bronze plaque awarded to Corkscrew Swamp Sanctuary as a Department of the Interior Natural History Landmark. The presentation was accepted by President Carl A. Buchheister of the National Audubon Society.

On Wednesday, March 10, Superintendent and Mrs. Joseph attended a reception honoring General Duff, U. S. Army, held at the Homestead Air Force Base.

On Thursday, March 18, the Superintendent spoke to the local Lions Club on the water problems of the Park.

The Assistant Superintendent addressed the University Yacht Club at the Coral Gables Country Club on March 24. He was accompanied by Mrs. Burroughs and Chief Park Naturalist and Mrs. Christensen.

Messrs. Robert Harper and Thomas Fendley of the U. S. D. A. Forest Service, Tallahassee, Florida, visited the Superintendent and spent a day in the Park.

General Lastayo of the National Health Agencies contacted Superintendent Joseph regarding employee contributions to this fund. The campaign is now underway.

Job Corps Activities: Messrs. Goslin, and Gowan, Job Corps planners, NCDC, were in the Park for several days beginning March 16. Mr. Don Nutt of EODC accompanied them. In company with William M. Alexander, of the Park staff, they inspected the property and buildings on the Iori Land in the Hole-in-the-Donut for necessary repairs and/or alterations and additions for use as a proposed Job Corps Center to be located there.

Various conferences by telephone were held with the Regional and Washington offices regarding the proposed Job Corps Center to be located within Everglades National Park. Much time was also devoted to this proposed activity at staff level.

A conference was held with Mr. Francis Telesca, Miami architect, regarding a feasibility study to be made of the Iori buildings remaining in the Hole-in-the-Donut for use as a possible Job Corps Center.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Approved plans for the three Employee Residences at Flamingo have not been received from the Eastern Office, Design and Construction. Mr. Ghezzi has submitted to EODC the specifications for these buildings.

The Eastern Office, Design and Construction has requested Mr. Ghezzi to submit preliminary sketches and estimate to remove the steel curtain wall construction in the Visitors Center, Parachute Key, and replace it with aluminum.

The plans for the construction of walks for the Concessioner Motel Units by Park Forces are being coordinated with the Concessioner. Funds for this project have been approved and work will commence when materials are received.

New Construction

Culligan Water Conditioning, Inc., furnished and installed a Culligan Mark 5 seven inch, fully automatic water softener at the Tamiami trailer area on Purchase Order No. 160 in the amount of $420.00. A portion of the cost was provided by Maintenance funds.

The following Fort Jefferson National Monument projects are being dropped this month from the Monthly Progress Report in accordance with Southeast Regional Office 66-21 memorandum dated February 26: Garden Key - Construct New Water System, U-15-1; Construct Employee Residences (6), 3 - 1-bedroom, 2 - 2-bedroom, 1 - 3-bedroom, B-16-1; Construct Sewage Disposal System, U-16-1 Construct Fire Protection System, U-17-1; and Construct New Electric System, U-2-5. These projects will be rescheduled when approved Master Plan is received.

Conference and Meetings

Mr. George Goslin and Mr. K. Gowan of the Office of Economic Opportunity, Washington; and Mr. Don Nutt of the Eastern Office, Design and Construction visited the Park during the month to obtain data for the installation of a Job Corps Camp. Mr. Nutt also made a trip to Fort Jefferson National Monument for an on-site inspection.

Mr. Robert Hall, Chief of the Eastern Office, Design and Construction, visited the Park during the month and made an inspection of Fort Jefferson National Monument.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): March 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-27-EVER							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	98	Balance of Day Labor Portion: $804.6
	Including Trailer Facilities,	U-72	11/63	2/1/63	&	July 65		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of campground and
	Fill (63)	U-79	11/63	3/22/63				trailer facilities pending completio
	Construct Utilities (Water&Sewer)	U-81	3228A	6,229				of grounds improvements.
	Housekeeping Cabins, 36 Units, 12	B-139	11/63	6/6/63				
	Structures (63)	B-140	3224A	55,688				
		B-147	6/63	6/26/63				
		M-129-1	3223A	41,517				
		M-132-1	11/63	6/28/63				
				2,250				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				980				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1964	B-37-EVER Provide and Install House Trailer and Utilities, Tamiami Ranger Station (54)	M-153		6,000 1/13/64 1,700 6/4/64 1,135 11/17/64	C & DL	Feb 64 Mar 65	100	D&C and P P.O. #160 in amt. of $420.00 was issued to Culligan Water Conditioni Inc., Miami, Fla. for the installati of a water softener unit. A portio of the cost was provided by Main-tenance funds.
1965	Flamingo: Employee Residences (2-bedroom) 3, Including Utility Connections and Grounds Improve-ments	B-136	3240A 1/1965	Est. 49,800 8/19/64	C	Apr 65 Jun 65	0	D&C Approved plans from EODC have not be received. Specifications have been submitted to EODC by Mr. Ghezzi.
1965	Parachute Key: Alternation to Visitor Center, Including Audio-visual	M-151	3219D 1/1965	Est. 27,700 8/19/64	C	May 65 July 65	0	D&C Plans are being changed to remove steel curtain wall and replace with aluminum.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1963	R-14-EVER							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Contract #14-10-0111-230, Harris
	Flamingo Campground	R-93	11/63	8/1/63	&	Jun 65		Paving and Construction Co., orig.
1961	Flamingo: Construct Roads, Parking	R-102	3236	20,000	DL			amt. of contract $17,550.00. Work
	Area and Walks for Concessioner	R-106	11/63	3/22/63				will not commence until April.
	Housekeeping Cabins (61)	R-113	3228A	750				
1964	Construct Roads, Parking Area and	M-129	11/63	9/4/63				As-built drawing of Concessioner
	Walks for Concessioner Motel Units	M-132	3223A	112,145				Housekeeping Cabins has been
	(64)	M-147	11/63	2/4/64				received and plans are underway to
			Sketch	32,896				construct walks. Day Labor Portion:
			Un-No.	3/2/64				$1,700.00
				400				
				4/22/64				Unobligated balance of funds:
				4,147				$21,653.82.
				11/30/64				
				1,700				
				3/3/65				
61	R-17-EVER							P.
	Long Pine Key Campground & Picnic	R-56		2,500	DL	Feb 64	98	Installation of signs pending
	Area, Construct & Erect Signs and			2/10/64		July 65		delivery.
	Markers							
								Revised balance of day labor
								portion: $212.72

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	B-26-EVER Garden Key: Seeding & Fertlizing (Parade Ground)	M-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sept 65	46	P. Unobligated balance of funds - Day Labor balance: $1,686.59. Completion pending final cleanup of Parade Ground.
1965	B-41-EVER Repair and Repoint Fort Walls and Casemates and General Cleanup	M-27-1	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	28	P. Removal of brick rubble is progressing satisfactorily. Repair and Repointing of Fort Walls are under study. Day Labor balance: $17,039.54.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

The Washington Office approved construction of three 2-bedroom employee residences at Flamingo. Invitation to Bids with plans and specifications were received from the Eastern Office, Design and Construction for these residences. Invitation to Bids were mailed to prospective bidders April 26. One set of plans and specifications will be issued to contractors upon receipt of a ten dollar deposit. Bids are scheduled to be opened May 11.

Plans are in the design stage for the Parachute Key Visitor Center alteration including audiovisual.

Plans are in process for the survey and boundary marking of the Hole-in-the-Donut property known as the "Iori Farm."

Park Forces are formulating plans to make temporary repairs to the main dock at Fort Jefferson National Monument until such time when funds are available for the reconstruction of this dock.

New Construction

Representatives of the Park and Harris Paving and Construction Company held a Pre-Construction Meeting April 12, on the Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Area under Contract No. 14-10-0111-230. May 3 was established as starting date of work under the contract.

Construction is 80 percent complete on walks to the Concessioner Housekeeping Cabins at Flamingo.

The Florida Power and Light Company has commenced installation of power line to the Long Pine Key Campground and Picnic Area, and Missile Base located in the Hole-in-the-Donut.

Negotiations are underway with officials of the City of Everglades to furnish water service to the Park Visitor Center Site at Everglades.

Conference and Meetings

Dr. Roy W. Chamberlain and Mr. Leslie D. Beadle of the U.S. Public Health Service met with members of the Park Staff, April 20 and 21, to discuss the Park mosquito problem.

Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

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REPORT FOR (Month and year) April 1963

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1963	3-27-[illegible]							
	Flamingo Campground Development Including Trailer Facilities, Loops 2 and 3 Including Outlets Fill (63)	3-71	3230A	107,201	C	Jan 63 / July 63	90	DAC Balance of Day Labor Portion: $603. Installation of campground and trailer facilities pending completion of grounds improvements.
		3-72	11/63	2/1/63	A			
		3-73	3236	20,000	DL			
		3-77	3230A	3/22/63				
	Construct Utilities (Water & Sewer)	3-81	11/63	6,229				
	Housekeeping Cabins, 36 Units, 12 Structures (6))	3-139	3228A	6/6/63				
		3-140	6/6/3	22,600				
		3-147	3223A	6/28/63				
		3-129-1	11/63	41,217				
		3-130-1		6/20/63				
				8,250				
				9/4/63				
				6,203				
				1/13/64				
				3,400				
				2/24/64				
				220,206				
				2/20/64				
				360				
				3/25/64				
				417				
				4/20/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): April 1965

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1965	Flamingo: Employee Residences (2-bedroom) 3, Including Utility Connections and Grounds Improvements	D-145	3044A 1/4/65	Est. 40,000 6/30/64	C	May 65 / Nov 65	0	(A&E) Invitation for Bids (INT-EVER-IV-65) dated April 27 issued to prospective bidders.
1965	Pennekamp Key: Alteration to Visitor Center, Including Additional	D-141	3210B 1/2/65	Est. 27,700 6/30/64	C	July 65 / Oct 65	0	(A&E) Plans are in the design stage.

MONTHLY PROGRESS REPORT

Area Everglades National Park

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REPORT FOR (Month and year) April 1965

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1963	5-14-EVER Circulatory Roads and Parking, Flamingo Campground	5-21 5-23	3004 11/63	60,000 8/1/63	C C	Jan 63 Jun 65	75	D&C Contract #14-10-011-430, Harris Boring and Construction Co., orig. amt. of Contract $37,000.00. Work will commence May 3, 1965.
1961	Flamingo: Contract Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (43)	5-130 5-105 5-113	3030 11/63 3004A	No 20,000 3/22/63 170	DL			
1964	Construct Roads, Parking Area & Walks for Concessioner Motel Units (44)	5-129 5-130 5-147	11/63 3029 11/63	9/4/63 120,143 8/9/63 Sketch No 30,000 D-B-M. 3/2/64 400 4/20/64 4,247 12/31/64 1,703 2/3/65				Pre-Construction meeting held April 1 Units to Concessioner Housekeeping Cabins 10 completed. Unobligated Day Labor Portion $731.3).
1963	5-17-EVER Entr Fldw Key Deepened & Flamingo Area, Chickee & Exact Signs and Markers	5-36		2,500 8/10/64	DL	Jan 64 July 65	95	D. Signs are being installed. Unobligated Day Labor Portion ($2.5

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	B-28-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/6/63	DL	Feb 63 Sep 65	46	P. Unobligated balance of funds - $1,666.59. Completion pending final cleanup of Parade Ground
1965	B-41-EVER Repair and Repoint Fort Walls and Casemates and General Cleanup	M-27-1	2003 1/1939	27,400 7/13/64	DL	July 64 July 65	35	P. All brick rubble has been moved outside the fort walls and cleanup is proceeding. Unobligated balance of funds: $13,631.80.

* GPO : 1962 O - 645845

Summary of the May 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Severe drought conditions.	1
Travel:	Up 37% for month. Up 30% for five-month period.	1
Visitors:	47 of the 50 states represented. Many foreign countries represented.	2
Special Activities:	Chief Ranger Branges attends school.	3
ADMINISTRATION:	Several Personnel Actions. Mr. C. Ray Vinten spends week in Park.	3
CONSERVATION, INTERPRETATION AND USE:	Roger I. Rogers of Southeast Region in Park.	3
	Programs reduced because of seasonal decrease in visitation. Boat-A-Cades discontinued. Weekend travel increased due to water situation.	4
RESOURCE PLANNING:	Much time spent on water problem.	6
PUBLIC AFFAIRS:	Ivan Tors Productions filmed background for "Flipper" TV program within the Park.	7

In reply refer to:
A2615

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

May 1965

General

Weather Conditions: Severe drought conditions prevailed over South Florida and Everglades National Park. The Miami Weather Bureau reported a total of .44" for the month while the average is 6.44". This is the lowest rainfall in history for the month of May in the Miami area. Precipitation throughout the Park was light and scattered and most falling on the last day of the month. Royal Palm, for example, had a total of 3.04" with 2.72" falling on the 31st. Tamiami's total was 2.36" for the month with 2.05" recorded on the 31st. The Taylor Slough water gauge again this month was below ground level. This compares with May 31, 1964, of 4.00 feet. Many 'gator holes and ponds heretofore thought permanent have dried up. Taylor Slough, if it were not for a large 6" pump furnishing water from a well, would be almost completely dry. The moat at the Shark Valley Overlook Tower is narrow and extremely shallow. Alligators swimming on the surface stir up mud from the bottom. The 5-day weather forecast predicted little or no rain in the offing.

Temperatures for the month ranged nearly or slightly above normal with low 90's recorded at all stations except Flamingo. Humidity was quite low and most Park visitors considered this a very comfortable climate. Temperatures ranged from a high of 93° to a low of 52°, both of which were recorded at Royal Palm.

Increase in Travel: Visitation to Everglades National Park continued its upward climb with a total of 72,096 persons entering the area, or an increase of 37% over May 1964. A total of 538,500 people have visited the area to date this year and is 30% over a like period in 1964. Use of concession facilities also showed a remarkable advance over last year. May showed a greater use (47%) in the first five months of the year, up 30% over a like period last year. Likewise, camping continued the increase with May's figures showing a 68% increase and the total for the year was up 10%.

The Shark Valley Loop Road, open on February 4, was closed on May 17 for repairs. Had this facility been open for the full month, visitation would have undoubtedly been greater.

Persons from 47 of the 50 states entered the Park with only Wyoming, South Dakota and Mississippi not represented. From registration data at the Royal Palm Visitor Center, it was noted that visitors from 4 Canadian Provinces and the following foreign countries were in the Park: Venezuela, Argentina, Belgium, Northern Ireland, Switzerland, Ecuador, Norway, Brazil, Guatemala, Japan, Finland, Cuba, France, Spain, Hungary, Germany, England, Israel, Australia, Union of South Africa, Napal, Thailand, Sweden, Holland, Italy, India, Iceland, Denmark, Peru, Trinidad, and Mexico.

List of Visitors:

Mr. J. E. Stonitsch, Audubon photographer, Miami, Fla.
Mr. Jim Handie and Mr. Joe Renken, Miami News, Miami, Fla.
Mr. Goode P. Davis, journalist, Washington, D. C.
Mr. A. R. Marshall, U. S. Fish and Wildlife, Vero Beach, Fla.
Mr. Fred Brumbaugh, HRB Singer Co., Rome, N. Y.
Mr. George DeTar, Fla. Forest Service, Tallahassee, Fla.
Mr. Roger Rogers, SE Regional Publications Officer, Richmond, Va.
Mr. Jim Hardie, photographer, Miami News, Miami, Fla.
Mr. Leonard Pardue, U. S. Weather Bureau, Miami, Fla.
Mr. Robert Webb, Distribution Supt., Fla. Power & Light, Miami, Fla.
Mr. Ray Vinten, Safety Officer, Special Assistant to the Regional Director of Safety, St. Augustine, Fla.
Mr. Ralph Page, WGBS, Miami, Fla.
Mr. Bill Schnier, Miami Daily News reporter, Miami, Fla.
Mr. Gordon Stevens, WTVJ, Miami, Fla.
Mr. Dan Phifer, News Leader, Homestead, Fla.
Dr. Ginsberg, Ray Perkins, and Paul Enos, Shell Oil Co. Research Group, Miami, Fla.
Mr. William Turner, Fisheries Biologist & James Gutherie, Fisheries Aide, U. S. Fish & Wildlife Service, Washington, D. C.
Mr. Charlie Mitchell, photographer, Miami News, Miami, Fla.
Mr. Cole Ferner, reporter for Miami Herald, Miami, Fla.
Mr. J. A. Daas and John Brannon (with group of 20 boys), South Dade Optomist Conservation Club, Miami, Fla.
Mr. Lynn Benson, Botany Dept., Pomona College, Calif.
Mr. Ben Funk and Joe Wigon, Associated Press, Miami, Fla.
Mr. W. J. Beecher, PHD, Director from Chicago Academy of Science, Chicago, Ill.
Mr. Deric O'Brien, Human Ecologist, USGS, Washington, D. C.
Mr. William J. Schneider, Staff Engineer, USGS, Washington, D. C.
Mr. William J. Kennedy, Dept. of Anthropology, Fla. Atlantic University, Boca Raton, Fla.
Mr. Charles Hoffman, Jr., Dept. of Anthropology, Fla. Atlantic University, Boca Raton, Fla.
Mr. Richard T. Whiteleather and wife, Deputy Director USDI Bureau of Commercial Fisheries, St. Petersburg, Fla.
Mr. "Red" Marston, Outdoor Editor, St. Petersburg Times, St. Petersburg, Fla.
Governor Chuay Nonthanakorn of Thailand and members of the Gubernatorial Delegation from Thailand.

Special Activities: Chief Ranger Branges attended a one-week school conducted by the National Capital Parks on the handling of mass demonstrations. On his return to Everglades, a half-day seminar was held with all Protective personnel attending on this subject.

Miscellaneous: Asst. Chief Ranger Ralph D. Maxwell was presented with a World Conservation Plaque by the Woodmen of the World at the Odd Fellows Hall in Homestead, Fla. the evening of May 27.

Administration

Personnel: Accessions: Homer A. Robinson arrived at Fort Jefferson National Monument May 24 to assume his new duties as Management Assistant. Prior to his transfer to Fort Jefferson, "Pete" was District Ranger at Lake Mead.

Robert E. Cook entered on duty as District Ranger, Mangrove District, by transfer from Harpers Ferry. Bob replaces J. R. Whitehouse, who recently accepted a position with Job Corps.

Bruce G. Paige entered on duty as Park Naturalist with headquarters at Flamingo. Bruce transferred from Death Valley.

Separations: Bruce C. Sloane, Park Naturalist, resigned during the month to return to school.

Mrs. Beverly A. Hite, Secretary (DMT) in the Chief Naturalist's Office, resigned to accompany husband Dick to his new ranger assignment at Blue Ridge Parkway.

Safety and Health: Mr. C. Ray Vinten, Special Assistant on Safety to the Regional Director spent one week at Everglades National Park. Mr. Vinten visited most areas of the Park, looked over the Park safety record and documented program, and made useful suggestions for improving the safety program in the area.

Three minor accidents occurred during the month. One involved a man who had an epilectic seizure who fell and injured his head. The second involved a single car wreck in which the vehicle rolled over and the occupant (one person) was seriously hurt. The third involved a boat which capsized southwest of Flamingo. No personal injuries were sustained in this boating accident.

Conservation, Interpretation and Use

Interpretive Facilities: May 5, Mr. Roger I. Rogers, Public Information Officer, Southeastern Regional Office arrived. He remained two days and was accompanied on his inspection of the Park by the Chief Park Naturalist and other staff personnel. This was preliminary to the revision of the brochure for this Park.

One of the main Bogan units that amplify the programs at the Headquarters Visitor Center is not working. There is some difficulty in replacing the particular type of condenser that was blown. Therefore, we are now on a one-unit basis which has continued to operate up until this time.

Some additional trail labels have been installed at the Mangrove Trail and some new labels at Pa-hay-Okee to replace those stolen.

At Flamingo work has begun on replacing signs for the Mangrove Nature Trail that were destroyed by vandalism.

Interpretive Services: The bayshore walks at Flamingo were conducted on weekends only because of the seasonal reduction in visitors and the loss of available interpretive personnel. At Royal Palm the number of people have dropped as is usual during this season of the year; however, the special groups that will continue to come until the closing of school will bring it up on weekends and near the end of the week.

Evening programs in the Headquarters area have ceased and down at Flamingo they are reduced to three a week temporarily during the loss of services due to personnel changes at Flamingo, with approximately 450 persons contacted at the Information Desk there.

Several off-site talks have been given in the Miami area during the month of May.

This month three boat-a-cades were conducted by rangers; two from Flamingo, the third from Everglades. A total of 9 boats and 29 people participated. Boat-a-cades conducted by the park rangers were discontinued for the season after the May 15 trip. It is anticipated that they will be re-inaugurated around December 1.

Park rangers took the 4th grade class of Erlington Heights Elementary School on an interpretive trip of the Shark Valley Loop area. The group also visited the Jimmy Tiger Indian Village.

During this particular month 15 special groups have appeared at Royal Palm and have been given some sort of special attention.

With so much in the newspapers about the water condition, weekend travel has picked up a bit as people came down to see the conditions for themselves. Water level in the main pond at Royal Palm is very low. The shoreline extends well out into the pond. Water along the boardwalk has been maintained only by pumps. At times these have broken down and except for two small holes water level fell until the mud dried and cracked in the area around and about the main boardwalk on the Anhinga Trail.

Flamingo operation continued with light visitation as was expected during the month with heavy use during the weekends when large numbers of local fishermen use the area to launch boats. The weather has continued cool throughout the Park, for this time of year, and very dry, therefore mosquitoes all over the Park have been less of a problem than in March.

Research and Observation: White-crowned pigeons returned to the Park in large numbers during the month. There was some indication that they have started nesting in the Keys of Florida Bay.

Loggerhead turtles have started nesting activities on the Cape Sable beaches. It is hoped the research program started last year can be extended through the nesting season of 1965.

The HRB Singer Co. Research group completed the third phase of their infra-red study in Palm Vista II. They expect to start Phase Four sometime during June.

Protection: One case was heard before the U. S. Commissioner, involving a man who because disorderly while visiting Flamingo. The gentleman pleaded guilty and was fined $50 by the Commissioner.

Park rangers participated in three boat rescues. All were minor in nature and no discomfort was experienced by those rescued.

Patrol mileage for the Park is as follows:

Aircraft	8,000
Motor vehicle	18,132
Boat	2,681
Glades buggy	483
	21,296

Forest Fire Protection: Fire danger remained extremely high during the month. On May 27 it was felt an extreme emergency existed and presuppression emergency funds were obligated. Two additional fire control aids were hired on the 28th and two more on June 1. Seven-day air patrols were being made in the Park aircraft. All fire control aids were placed on a 6-day week.

A summary of the month's fires is as follows:

May 6 - Hainlin Farm fire located in the protective zone burned 1600 acres outside the Park.
May 11 - Northwest Grossman fire located in the fire protective zone burned 1/2 acre outside the Park.
May 21 - Entrance Firebreak fire along the east boundary burned 12 acres in the Park.
May 22 - West Bauer Bust fire located along the east boundary burned 410 acres outside the Park.

By the end of the month, all fires were either on an under control basis or declared out.

Suppression activity in conjunction with members of the U. S. Army from the adjacent Missile Site just outside the Park boundary were successful in stopping a potentially large fire within the Park.

Wildlife and Fish Culture Activities: The prolonged drought has had a profound effect on the Park's wildlife. This was particularly noticeable on the alligator. On May 24, "Operation Alligator Lift" was started. Park Rangers in glades vehicles scouted out dried or drying 'gator holes, picking up the animals and moving them to areas where water was sufficient to sustain their lives. In cooperation with the State, these 'gators are also being tagged when moved.

Food supply for the more than 75 'gators located at Shark Valley Overlook was exhausted by the middle of the month. Cannibalism has become quite common in the moat. In order to keep many 'gators from perishing, feeding operations were initiated. During the month, four separate feedings of fish to alligators in this area were accomplished.

The blasting of 'gator holes in the glades continued. With the help and technical assistance of Homestead AF Base demolition team, water holes were dynamited at strategic spots in the north central Park area.

Resource Planning

Water Resources: From approximately the middle of the month the Acting Superintendent, Management Assistant, and Chief Park Ranger spent literally hours on the telephone talking to the press, from various news media. Calls were from as far away as New York City and as close by as the local Homestead paper. Considerable time was given to the press going along with cameramen showing them various aspects of the drought.

Over Memorial Day weekend Francis A. Nix was called to Washington, D. C. to participate in planning with the Director and other members of his staff.

Hydraulic Engineer Francis A. Nix spent May 10 at the Corps of Engineers office at Jacksonville to discuss planned canals in the FCD project. May 11 he attended the monthly meeting of the Florida Work Group in the USGS offices in Ocala, Florida. May 13 he attended the FCD meeting at Naples, Florida.

About six-tenths of a mile and two holes were partially cleaned out by the Hayes Crane Construction Co., working under a seven-day contract digging silt out of the canal along the Shark Valley Loop Road. Excellent results were obtained with a clam shovel since the ditch was, for the most part, completely dry. After digging, a foot to a foot-and-a-half of water was available in the ditch area dug. Had funds permitted the digging of the entire length of the ditch water would have been maintained along most of the ditch, even during the extreme drought that we have been experiencing. This work was done during the closure of the road for repairs and during the time of extreme fire danger.

Cooperation with Other Federal, State or Local Agencies: May 4, the Acting Superintendent and others of the Park staff conferred with representatives of the Bureau of Public Roads and the State Road Department regarding the surfacing of the road into the Missile Site (H-69) in the "Hole-in-the-Donut".

Cooperating Non-Government Agencies: On Saturday, May 1, members of the Tropical Audubon Society made their annual trip to Fort Jefferson National Monument. Naturalist Richard Cunningham accompanied this group to aid them

and to assist the small number of personnel at Fort Jefferson with this extra workload. The members of the Audubon party aided Dr. Robertson in tern banding.

A Special Use Permit was issued to the Florida Power and Light Co. to locate transmission lines across the lower section of Taylor Slough and in the Hole-in-the-Donut. These lines terminated at the newly constructed Army Missile base. This project was completed by the end of the month. Spur lines to the Long Pine Key campground and Pine Island tower were also installed and hook-ups made.

Public Affairs

General Publicity: Ivan Tors Productions, were granted a permit for filming background within the Park for one day. These shots will be used in the "Flipper" series on TV.

Public Relations: On Friday, a party of Icelanders preferring to see the Park on their own in a rental car were greeted at the Visitor Center by Management Assistant John R. DeWeese.

This same date Mr. DeWeese started escorting a group of seven Governors of Thailand (with one wife and one daughter) through the Park. After seeing the Royal Palm area these people decided the Park was so similar to their homeland they would return to Miami and rest for the balance of the day.

Sub-District Ranger of Florida Bay called upon the Upper Keys Chamber of Commerce during the month. He emphasized that rangers were available for assistance in all matters regarding Everglades National Park. Public relations contacts were also made at seven different fish houses and marinas along the Upper Keys.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Preliminary plans have been received for the Alteration to Visitor Center including Audiovisual, Parachute Key.

Part of the boundary of the Hole-in-the-Donut has been marked. The balance of marking will be made when manpower becomes available.

Change Order No. 1 dated May 24, 1965 was issued to Harris Paving and Construction Company to increase Bid Item No. 1 of their Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Area, for a total amount of $4,275.00 which will provide 950 cubic yards of topsoil at the walks around the comfort stations and along the roadsides. The Chief, Eastern Office, Design and Construction recommended this increase of topsoil to improve the appearance of the area.

Bids were opened May 11, to construct three Employee Residences (2-bedroom) at Flamingo. Two bids were received. The low bid was in the amount of $64,956.00 which was over the limitation. Reductions and changes in design to reduce cost proposed by the Eastern Office, Design and Construction have been mailed to both bidders. Meetings will be held June 1, with bidders to negotiate a contract for the residences.

The Florida Power and Light Company has completed installation of power line to the Long Pine Key Campground and Picnic Area, and Missile Base located in the Hole-in-the-Donut.

Water service has been completed except for the installation of water meters to the Park Visitor Center Site at Everglades by the City of Everglades.

Timbers and piling have been ordered for the reconstruction of the dock at Fort Jefferson National Monument. The U. S. Coast Guard has agreed to deliver the material to the site.

Conferences and Meetings

Members of the Park Staff, and representatives of the Florida State Highway Department and Bureau of Public Roads made an inspection and discussed the Corps of Engineers road project to the Missile Base Site located in the Hole-in-the-Donut.

Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) May 1/65

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	3-67-47001							D&C
	Flamingo Campground Development	3-71	32502	137,091	C	Jan 63	98	Balance of Day Labor Portion $60,3
	Including Trailer Facilities,	3-72	11/63	5/12/63	DL	July 65		
	Loops 2 and 3 Including Cobia	3-73	32[illegible]	30,000	DL			Installation of Campground and Trail
	Fill (63)	3-77	11/63	3/20/63				Facilities pending completion of
	Construct Utilities (Water & Sewer)	3-131	32[illegible]	6,829				work in this area under contract.
	Housekeeping Cabins, 3[illegible] Units, 12	3-140	11/63	6/6/63				
	Structures (63)	3-147	32[illegible]	35,000				
		[illegible]-1	6/63	6/6/63				
		[illegible]-1	32[illegible]	48,847				
			11/63	6/20/63				
				1,290				
				6/4/63				
				1,203				
				1/13/64				
				1,600				
				1/21/64				
				1,000				
				1/24/64				
				300				
				1/31/64				
				475				
				2/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): May 1963

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	8-14-07[illegible]							DAC
	Circulatory Roads and Parking,	8-12	[illegible]	60,000	C	Jan 63	95	Contract #14-10-0111-23), Harris
	Flamingo Campground	8-13	11/63	8/8/63	A	July 63		Paving and Construction Co., orig.
1962	Flamingo: Construct Roads, Parking	8-14	[illegible]	30,000	DL			amt. of Contract $27,550.00.
	Area and Paths for Concessioner	8-10	11/63	1/22/63				Contract 33 percent complete.
	Housekeeping Cabins (2)	8-11	[illegible]	750				Delay to Project beyond April 30.
1964	Construct Roads, Parking Area and	8-12	11/63	2/5/63				Notice of Beginning Date issued
	Paths for Concessioner Hotel Units	8-13	[illegible]	111,143				May 4. May 6 first workday of
	(2A)		11/63	2/5/64				contract period and July 2, 1963
			[illegible]	30,000				completion date of contract.
			10-80.	2/5/64				
				600				Change Order #1 dated May 6, 1963
				4/30/63				increased Bid Item No. 1 by 950 sq. yd.
				4,147				of topsoil at an increase of contract
				11/30/63				price by $4,275.00, extended contract
				1,750				10 calendar days changing completion
				3/1/63				date from July 2 to July 12.
				4,275				
				3/1/63				Work Order 8-14-07[illegible] (Rev. #5)
								approved May 7, provided funds in am
								of $4,275 for Change Order #1.
								Unobligated balance of funds:
								$17,370.00.
								Units to Concessioner Housekeeping
								Cabins 95% complete. Unobligated
								balance of Day Labor portion: $[illegible]

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) May 1965

F Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Flamingo: Employee Dormitory (2-Bedroom) 3, Including Utility Connections and Grounds Improvement	E-136	3043A 2/4/65	Est. $9,820 6/29/64	C	June 65 / Dec 65	0	(R&C) Invitation for Bids (IFB-EVER-27-65) dated April 27, opened May 21, 1965. 2 bids were received. Low bid was over limitation. Panel listing proposed reductions and changes in design to reduce cost mailed to both bidders. Meetings with bidders to be held June 1, to negotiate.
1965	Homestead Bay: Attention to Visitor Center, Including Architect	E-141	3032B 1,63	Est. $7,300 3/15/65	C	July 65 / Sept 65	0	(R&C) Preliminary plans are being reviewed.

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) May 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: AMOUNT ALLOTTED AND DATES 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1961	8-17-[illegible] Long Pine Key Campground & Picnic Area, Construction & Erection of Signs and Markers	8-55		$2,200 2/16/65	DL	Feb 64 July 65	99	P. Balance of shipment on purchase order to Blue Ridge Forestry has been delayed. Balance of funds obligated.

MONTHLY PROGRESS REPORT

Area [illegible]

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (*Month and year*) May 1956

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION				REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
				AMOUNT ALLOTTED AND DATES 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	
1952	[illegible] Garden Sign Painting & Portlining (Female Quarr)	[illegible]	[illegible]	[illegible]	DL	Feb 53 / Sep 55	45	F. Unobligated balance of funds - $1,000.00. Completion pending final cleanup at Female Quarr.
1955	[illegible] Female and Negative Park Wells and Connection and Shower (Camp)	[illegible]	[illegible]	[illegible]	DL	July 56 / Dec 56	35	F. Water flowing in quantity. Is also connected on wells and connected. Unobligated balance of funds: $11,000.00.

In reply refer to:
A2615

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

April 1965

General

Weather Conditions: April's temperatures were near perfect, ranging to the mid-80's during the day and cooling to the mid-60's in the evening. Rainfall, however, left much to be desired. Precipitation was scattered and light over the Park, ranging from .09" at Royal Palm to 2.24" at Everglades, Florida. The last recorded substantial rain at Royal Palm Weather Station was on March 4. By the end of the month, severe drought was in progress. The Taylor Slough water gauge was below the land surface. This compares with 2.35' on March 31, 1965, and 3.77' on April 30, 1964.

One of the most successful farming seasons in history has drawn to a close. Farmers along the East boundary and the Hole-in-the-Donut did exceedingly well, due to the dry weather. For the first time in the history of the Park, a successful farming operation was carried on south of the old Ingraham Highway. Approximately 20 acres of land just west of the old Jennings plantation was planted in squash and beans with farmers receiving excellent results.

Increase in Travel: For the eighth consecutive month visitation to this Park has increased. A total of 105998 persons entered Everglades representing a 40% increase over April 1964. Travel for the first four months of 1965 totaled 446,400 or 28 per cent over a like period in 1964.

Camping, however, showed only a 1.5 per cent increase over last year, but for the first three months of 1965 equalled 9 per cent more camper use.

Visitors from 48 of the 50 states registered at Royal Palm. Only Montana and Wyoming were missing. Persons from five Canadian provinces as well as the following foreign countries visited here during the month: Germany, Austria, United Kingdom, The Netherlands, Sweden, Columbia, Belgium, Japan, Morocco, Poland, South Africa, Jamaica, France, Norway, Denmark, Cuba, Italy, Switzerland, Australia, Argentina, Israel, Nicaragua, Chile, Uruguay, Egypt, Lybia, Spain, and Iceland.

Visitors: Dr. Melville B. Grosvenor, President and Editor of National Geographic Magazine and Society, Washington, D. C.
Mr. Sven Gillsatter, Official photographer for the Swedish Broadcasting Co., Sweden, and daughter Pia.
Mr. Otis Imboden, photographer for National Geographic Society, Washington, D. C.
Mr. John E. Cotton, geologist, U. S. Geological Survey, Boston, Mass.
Dr. and Mrs. Frank H. Roberts, retired scientist from the Smithsonian Institute, Washington, D. C.
Mr. Arthur Wooster, BBC, London, England.

Dr. Kia Curry Lindahl, scientist, Sweden
Dr. R. Chamberlaine, Mr. L. Beadle and Mr. G. Johnston, U. S. Public Health Service, Atlanta, Ga.
Sir Harry Champion, Advisor on the U. N. for Forestry, London, England
Mr. John O'Reilly, writer for Sports Illustrated, New York, New York
Mr. Ray Munig, Florida Development Council, Tallahassee, Florida
Dr. Richard D. Mudd, Sagamore, Michigan

Special Activities: Mrs. Joseph and Mrs. Burroughs flew to Fort Jefferson on Monday, May 13 where they remained for several days.

The Park Safety Committee met early in the month. Accidents involving visitors and Park employees were reviewed. Preparation of the new DI-134 form was again discussed, and instructions given on sections where supervisors seemed to be experiencing difficulty. The Committee then re-inspected the Shark Valley Loop Road and Observation Tower. A report covering the Committee's findings was prepared and submitted to the Superintendent.

Miscellaneous: Superintendent and Mrs. Joseph left on April 20 enroute to Washington, D. C. where the Superintendent will be one of the field representatives on the Servicewide Evaluation Committee, for approximately two months.

Administration

Personnel: Separations: Carl C. Von Paulsen, Collaborator (Without Compensation)
Changes: Dennis W. Kuenzel, Park Ranger, reassignment - CAO to Supervisory Park Ranger, GS-453-7
Max W. Holden, Promotion GS-453-5 to Supervisory Park Ranger GS-453-7.
Robert E. Lewis, Promotion from Foreman II (Garage) WS-5823 to Foreman III (Garage) WS-5823

Safety and Health: Park Rangers assisted the Florida Highway Patrol in investigating an accident which occurred in the Hole-in-the-Donut. Three persons required hospitalization. An accident inolving a motor bike occurred on the Long Pine Key Road. A N. Y. student on a rental bike lost control of the vehicle and ran off the road. He was removed to the local hospital by ambulance.

Assistance in retrieving boat and gear belonging to three youths whose boat capsized in Florida Bay was given by Flamingo Rangers.

Conservation, Interpretation & Use

Interpretive Facilities: A second supplement to the collection of marine and estuarine fishes of Everglades National Park, comprising 25 specimens was received this month from the Institute of Marine Science, University of Miami. This collection was started through the combined efforts of Park Naturalist Bruce C. Sloane and Marine Biologist Martin Roessler of the Inst. of Marine Science. Mr. Kelly Motherspaugh's reports of his experiences the first season at the Shark Valley Tower will help us plan for future interpretive coverage there. Informational and directional signs "Whiskey Creek" and "Alligator Crossing" have again disappeared. They are now, doubtless, decorating someone's den. Park Naturalist Zimmer's book, Turtle Lore a 60-page book illustrated in full color was received this month and is now on sale. The Natural History Assoc.

is also selling Dr. Craighead's Annotated Checklist of the Vascular Plants and Land, Mangroves and Hurricanes.

Interpretive Services: Approximately 600 visitors were contacted at the information desk at Flamingo and 13,000 at the Parachute Key Visitor Center.

The Flamingo naturalists assisted with several special study groups in that area. Evening programs at Long Pine Key ended with Easter weekend. One evening program is still scheduled at Flamingo. A total of 321 attended three off-site programs this month. Boat-a-Cades continued during April with interest waning.

Research and Observations: Dr. William Sears, Chairman, Department of Anthropology, Florida Atlantic University, Boca Raton visited the Park and discussed with Acting Superintendent Burroughs the possibility of a contract for Phase I of the Park's Archeological Base Mapping project. It is anticipated that a contract will be given to this institution and work will soon begin in the Gulf Coast District.

Drs. Chamberlain and Seri of the Atlanta Public Health Service visited here on April 26 in regard to their study of Aegis Aegyptie.

Rangers in the Gulf Coast District continued working on the archeological base map for that area. Approximately seven days of field work were devoted to locating and mapping of Indian sites. Several mounds have been located. One not previously known was found. Also, Johnson's mound on Lostmans River was checked.

Ranger Winte, from personal observations feels that the alligator population at the Tamiami Sub-district has suffered greatly this year. He estimates that the population in this area has decreased 18 to 20 percent over previous years. This can be blamed directly on low water conditions and lack of food. Cannibalism, starvation, disease are apparently taking their toll of the alligator population.

Protection: With increased pressure by alligator poachers, rangers continued their heavy night patrols, particularly in the Gulf Coast area. 'Gator hides now sell for $6.50 per linear foot. On one night patrol a cache was located; a stake-out of this cache proved unsuccessful and the gasoline cans and poles were taken to the Gulf Coast Ranger station.

Three cases were heard before the U. S. Commissioner during the month. Two of these were for disorderly conduct. The Commissioner found the defendents guilty and suspended entry and monetary fee, but did ban the men from the Park for a period of one year. The third case tried was a fishing guide operating in the Park without a valid permit. Defendent pleaded guilty and was sentenced to 90 days and a $400 fine, both of which were suspended from day-to-day and term-to-term of court.

Rangers participated in four boat rescue operations. The Park plane was used to locate lost parties in two of these incidents.

Patrol mileage for vehicles was 27,566 miles.

Forest Fire Protection: Park suppression crews worked on one small fire in the Protective Zone along the east boundary.

Insect and Tree Diseases: Final inspection of the U. S. D. A. pink bollworm control project based at Flamingo was conducted on April 28. The party checked the Flamingo camp and looked over the records for the year. Cotton plants reached a low following Hurricane Donna and have been on the increase since. USDA is still working approximately 8,000 acres within the Park. The Inspection team checked the areas both east and west of Flamingo. Acting District Ranger Benton stated that excellent cooperation existed during this season's operations.

Wildlife and Fish Cultural Activities: Water level at Royal Palm is going down in spite of efforts by the maintenance crew who have worked manfully to keep the mud along the main board walk wet. Many fish have moved into the area where the discharge pipe is located. The main pond in front of the station is very low and dropping rapidly. Water is below sea level. The pumping and aerating of the water has been continuous since April 16.

Rangers Carlson and Morgan of the Gulf Coast District have reported a new commercial shark catching operation adjacent to their area. Sharks are being caught in deep water outside the Park. Fishermen are using long chains and trout lines set overnight. The hides, fins, teeth and meat are all used. The hides are stripped and salted, the fins are dried and sold, the meat is sold as bait. The average value of a hide is about $15. They are used for making shoes, etc. The fins are sold to orientals for food and the meat is generally cut up and used as bait. This is the first time, to rangers' knowledge, that such an activity has been carried on in southern Florida waters. The only exception being several years ago when shark fishing was done commercially off the Dry Tortugas.

Maintenance: Between April 23 and 27 Messrs. Liles (Maintenance Foreman IV), Alexander (Park Engineer) and DeWeese (Management Asst.) flew to Fort Jefferson National Monument regarding repairs to the dock and pier there.

Concessioners: Increased concession use followed the same general trend as Park visitation. April showed a 43 per cent greater use than April 1964 in the first four months of the year, showing a 27 per cent increase over a like period last year.

Resource Planning

Water Resources: On May 15 the Flood Control District and the Corps of Engineers notified the Superintendent the gates in one of the structures along the Tamiami Trail had been opened 0.08 of a foot to release 10 c.f.s. of water into the Park. At the end of approximately one week the Superintendent was notified that the Conservation Area level had reached a point where releases could no longer be made and the gate was closed.
On May 6 the Florida Work Group met at Park Headquarters at the invitation of Chairman S. C. Joseph to discuss interim water releases from the Flood Control District Conservation areas.

Park Rangers accompanied by demolition experts from Homestead Air Force Base

again worked on blasting "survival holes" in the Tamiami Sub-district. Three more holes were prepared during the month.

Messrs. Nix (Hydraulic Engineer) and Burroughs (Actg. Supt.) attended a meeting on water management in South West Dade County held in Clewiston, Fla. on May 15. Mr. Nix attended an ARPS meeting at Ft. Lauderdale on April 19. Messrs. Nix and Burroughs attended the Recognition Luncheon of the Water Resources Control Council, Miami-Dade County Chamber of Commerce on April 21. Hydraulic Engineer Nix attended a Flood Control District meeting in Homestead on April 27.

Boundary Adjustments: Park rangers have started posting the newly acquired Lori Lands in the Hole-in-the-Donut area.

Cooperation with other Federal, State or Local Agencies: Homestead Air Force Base conducted an alert late in the month Everglades National Park becomes involved as a base hospital is stored in service buildings at the Pine Island residential area and Park Headquarters and the Main Visitor Center will be an evacuation area. The Air Force Base has permanently installed a radio at Park Headquarters to be used in emergency operations.

Cooperation non-Government Agencies: On April 28 Acting Superintendent Burroughs and District Ranger Stokes met with the Mayor of Everglades, Florida in regard to the water supply pipeline to the proposed Visitor Center site.

Florida Power and Light Co. is continuing their installation of a power line across Taylor Slough and along the Long Pine Key Road to the newly constructed missile site in the Hole-in-the-Donut. A survey for a spur line from the main Long Pine Key line to the campground has been completed and construction of this spur will start shortly.

The H.R.B. Singer Corporation conducting infra-red study for the U. S. Air Force has begun Phase II of their operation in Palm Vista hammock near Royal Palm Visitor Center. They expect to remain in the area through May.

Public Affairs

General Publicity: On May 7 and again on May 13 Mr. John O'Reilly writer for Sports Illustrated and the National Geographic Magazine talked with the Superintendent and members of the Park staff regarding the water situation.

Superintendent Joseph spoke to the Family Campers of South Florida in S. New River, Florida on Saturday evening May 10. His subject was primarily the water situation and its effect on the Park.

Dr. Melville B. Grosvenor, President and Editor of the National Geographic Society visited the Park. He was escorted by Asst. Supt. on his trip which included a boat trip at Flamingo. Dr. Grosvenor was particularly interested in the fresh water situation here.

The visit of Dr. Richard D. Mudd of Saginaw, Michigan to Fort Jefferson to view the historic site where his grandfather Dr. Samuel Alexander Mudd had been a prisoner received much publicity. Clippings from the various papers were forwarded to Washington and the Southeastern Regional Office shortly after his visit on May 8.

Superintendent Joseph addressed the South Dade Audubon Society on the evening of April 20.

Sub-district Ranger Castleberry attended a Lions Club meeting held in Islamorada on April 5. On that date the proposed road across Florida Bay and the Park was discussed. On April 20, Ranger Castleberry attended a meeting in Marathon conducted by the Florida Keys Outdoor Recreation and Conservation Council. Desirability of obtaining Lignumvitae Key for Park purposes was discussed at this meeting.

Job Corps Activities: Conferences were held with Architect Telesca on May 6 regarding the progress being made on the feasibility study of a Job Corps Center in this Park. On May 8 Mr. Nutt of EODC, Mr. Goslin of Job Corps, Washington and Mr. Wallace of OEO visited here and further discussed the possibility of a Center in Everglades, both before and after inspection of the proposed site on lands in the Hole-in-the-Donut.

Management Assistant John R. DeWeese attended the meeting of the City Council of Homestead on May 15 and presented the Job Corps aims and purposes to this group. His address was well received.

Summary of the June 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Rain insufficient to counteract drought entirely.	1
Travel:	Up 35% for month - 30% for first 6 months Concessioner use up 17% for June - 28% first 6 months. Camping up 350%	1
Visitors:	Fewest for several months	1
Special Activities:	Asst. Chief Ranger honored by Woodmen of the World	2
ADMINISTRATION:	One employee promoted; one converted to career tenure	2
CONSERVATION, INTERPRETATION AND USE:	Proposed memorial to Guy Bradley plans progress. Visitor Center and Royal Palm remained open late hours. Wooded trails less appealing because of mosquitoes.	2
	News media continued search for information on long range basis for national publications.	3
	Argulus killed garfish at Royal Palm Pond. Mosquito control research at Flamingo begun. "Alligator Move" completed; feeding completed; 'gator hole blasting completed; 'gator tagging completed.	3
	Two experimental mangrove dikes constructed. Bear Lake fish kill investigated. First sizeable fire caused by lightning strike after release of all FCA's. Chokoloskee bird roost doing well.	4
RESOURCE PLANNING:	High level meetings result in plans for pumping operations. ENP representatives attended Florida Board of Conservation meeting in Tallahassee. EODC Hydraulic Engineer visited Park regarding location of proposed dikes and pumping station, also Corps of Engineers, Jacksonville on same subjects.	5
PUBLIC AFFAIRS:	At least two authors and many representatives of various news media contacted Acting Superintendent regarding drought conditions following minor rains.	6

n reply refer to:
A2615

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

June 1965

General

eather Conditions: June's weather was about normal with the exception of the eficiency of rainfall. Temperatures climbed to the mid-90's and humidity was igh. Rainfall was somewhat below normal and varied from 7.24 inches at Tamiami o 2.39 recorded at Flamingo. Coupled with the winter-spring drought this amount f rainfall did little to bring water levels to normal conditions for this time f year. The Taylor Slough gauge read 2.43 feet on June 30 compared with 4.23 eet at the same time last year. By July 1 a sheet of water should exist over hark Valley and a great deal of surrounding glades. Water is now showing in the ower depressions. It is estimated conditions now are normal for late March or arly April after the dry winter season.

ncrease in Travel: Visitation to the Park continued its upward climb to a total f 63,160 persons. This is 35 per cent greater visitation than June 1964. Travel igures for the year now stand at 601,163, which is 30 per cent greater than for he first six months of 1964. Use of concession facilities at Flamingo increased 7 per cent for June and 28 per cent for the first six months of the year. Camp- ng showed a startling increase of 350 per cent over June 1964. Use of the Park ampgrounds for the first six months of 1965 showed an increase of 11 per cent.

isitors: Visitors from all states except Nevada, New Hampshire, and Wyoming were epresented on the Royal Palm Register. Registration also showed persons from ive Canadian Provinces and the following foreign countries entered the area: zekoslovakia, Austria, Sweden, Venezuela, New Zealand, Switzerland, Cuba, The etherlands, South Africa, France, United Kingdom, Columbia, Argentina, Peru, ndia, Italy, West Germany, Denmark, Kenya, Jamaica and Scotland, plus the ttached list of individuals.

ist of Visitors:

r. L. D. Beadle, U. S. Public Health Service, Vector Control, Atlanta, Ga.
r. Frederick G. Vosburgh, Vice-President, National Geographic Society, Washington, D. C.
r. Steve Trumbell, reporter for The Miami Herald, Miami, Fla.
iss Patricia Caulfield, writer and photographer, New York, N. Y.

Mr. Tom Smith, Collier County Forester, Florida Forest Service, Naples, Fla.
Mr. Fred Arnold, Chief Resource Management and Visitor Protection, Southeast Regional Office, National Park Service, Richmond, Va.
Mr. C. E. Harder, H & H Productions, Tampa, Fla.
Mr. Alfred Vick, III, Branch of Water Resources, Southeast Region, National Park Service, Richmond, Va.
Mr. Eber Spivey, Florida Forest Service, Princeton, Fla.
Dr. George Sprugel, Jr., Brach Natural Science, National Park Service, Washington, D. C.
Mr. George DeTar, I & E Office, Florida Forest Service, Tallahassee, Fla.
Mr. Ray Casada, Hydrological Field Representative, U. S. Weather Bureau, Tallahassee, Fla.
Mr. William Kennedy, Florida Atlantic University, Boca Raton, Fla.

Special Activities: Mr. Fred Arnold, Chief of Resource Management and Visitor Protection for the Southeast Region spent ten days in the Park. Mr. Arnold visited all districts and reviewed problems pertaining to protection and management of resources.

Miscellaneous: Asst. Chief Ranger Ralph D. Maxwell was selected as the recipient of the Conservation Award by the Woodsmen of the World. The presentation of the plaque was made at a dinner meeting celebrating the 75th anniversary of the organization held at Homestead the night of June 24. Mr. Eber Spivey, Princeton Tower representative, Florida State Forest Service, presented the wood and bronze plaque to Mr. Maxwell for his work in all phases of conservation. Approximately seventy-five members of the fraternal order were present at the ceremony.

Administration

Personnel:
Adkins, Sue - Promotion to Clerk (Typing), Position #1160004010 GS-301-05/08, $6,155, effective date 06/06/65.
Benton, Robert E. - Conv. to Career Tenure, Supv. Park Ranger, Position #1160003020-GS-453-08/02, $6,850, effective date 06/25/65.

Conservation, Interpretation, and Use

Interpretive Facilities: During the month the Chief Naturalist met with Miss Henry and Mr. Pancoast to discuss the scope of the proposed memorial to Guy Bradley.

During June the Parachute Key Visitor Center and the Royal Palm Station were kept open two hours beyond the normal closing time and records of their use documented. It was found that late afternoon, at both stations, was extremely light.

Interpretive Services: While visitation to Everglades National Park in June fell below that of May it still set an all-time record for the month.

Generally the weather was favorable for Park use and for most of the month insect pests were not a real problem. Toward the end of the month a moderate infestation of insect pests was experienced, making the use of wooded trails less appealing.

An influx of representatives from various communications media continued to seek information about drought conditions here. However, the type of information sought has changed considerably from that of the previous month. During May it was more or less for immediate, local consumption. Now it is for articles in nationally circulated magazines and for TV documentors. In all cases every effort has been made to supply material, black and white pictures, colored slides and movie film.

Evidence of drought conditions continuation appeared in the form of a heavy infection of Argulus overwhelming garfish at the pond in front of the Royal Palm Station. These aquatic parasites, apparently an undescribed species, have killed almost all garfish in the pond. Approximately 2,000 dead fish were removed. Very few remain. Apparently the parasite is somewhat specific to garfish. Although they have been found attached to other fish, they apparently do not appear to harm the other species.

All scheduled conducted trips were continued during the month. Use of the Gumbo Limbo Trail for guided walks was restricted because of the mosquito infestation. The three evening programs at Flamingo were continued.

A temporary Naturalist, James A. Denslow, entered on duty during the month and after suitable training is now working both at the Shark Valley Loop Road area and at Royal Palm.

Research and Observation: On June 8 the Conductron Company returned to the Park to continue their research work under contract with the U. S. Air Force. Daily flights by their DC-7 aircraft began June 9 and continued until the 30th. The work again is concentrated in Palma Vista II Hammock on the east end of Long Pine Key.

On Monday, June 14, Mr. Beadle of the U. S. Public Health Service, Atlanta, Georgia, arrived to begin the mosquito control research at Flamingo as the few rain showers had produced many of the insects.

Protection: Operation "Alligator Move" was terminated following some rains during the middle of the month. This operation moved alligators, mostly small, from dry holes in the 'glades to areas with sufficient water. Some of the 'gators moved were also tagged in cooperation with the State Fish and Wildlife Service.

The last of the 'gator feeding operation took place during the month. The State Conservation Department furnished the Park approximately 1,000 pounds of rough fish, mostly gar and mudfish, from a shocking operation in the nearby Tamiami Canal. These fish were transported, most of them alive, to the Shark Valley Overlook area and fed to hungry 'gators.

As the water table increased slightly, the last of the 'gator blasting survival holes was accomplished. The final hole was blasted just south of Tamiami Canal east of the Shark Valley Loop Road.

A survey was made of the possibility of constructing mangrove dikes for water retention along the northern edge of Florida Bay. A helicopter was used for this survey and a report submitted to the Southeast Regional Office. Two dikes were actually constructed; one in a small creek in the east end of West Lake and the second at the north end of Seven Palms Lake.

A one-week study on the possibility of mosquito control in the Flamingo area was conducted by a representative of the U. S. Public Health Service. A very high concentration of the pest, including at least five species, was found.

Numbers of fish were killed in Bear Lake on May 30 and 31. Investigation by Atlanta Marine Laboratory indicated high water temperatures combined with rainfall reduced oxygen concentrations in the lake to a level lethal to most fish.

Ranger personnel conducted persons representing the Florida Atlantic University at Boca Raton on field trips in their preliminary study to map Indian sites in the Park. A total of eight mounds were visited on the ground.

Ranger personnel were assigned to such special activities as the 'gator transport project, mangrove dike project, ' gator feeding project, 'gator tagging project, survival hole blasting project, and turtle research project in addition to routine Protection Division activities.

On June 14 Ranger personnel resumed boundary posting operations on the Iori property in the "Hole-in-the-Doughnut". The west portion of this boundary from Long Pine Key Road to the old Ingraham Highway was mostly posted by the end of the month.

Beginning June 17 and continuing through the 30th, Rangers were assigned to assist Naturalists in keeping the Park Headquarters Visitor Center open until 7:00 p.m. The Flamingo Visitor Center was kept open until 8:00 p.m., and the Shark Valley Loop Road was closed at 6:30 p.m. These late hours required additional efforts by the Ranger Division and were above regular duties.

Park Rangers participated in five boat search and rescue operations during June.

Transportation was furnished personnel of the U. S. Geological Survey to read water gauges P-33, 34, 35, 37 and 38.

Forest Fire Protection: The first sizeable fire of the 1964-65 season was begun by a lightning strike on June 24 burning about 1,000 acres in the Park.

To supplement the Park's fire-fighting force four additional (emergency) Fire Control Aids were hired locally early in the month. They remained on duty through June 15. Although rain showers began to fall in the 'glades on June 6 they were not sufficient to end drought conditions. On the 24th lightning set a fire near the headwaters of the Broad and Rodgers Rivers and a total of 1,000 acres was burned within the Park. During aerial scouting of this fire it was disclosed four additional lightning strikes in the same area had been rained out.

Building Fire Protection: The annual Building Fire Inspection was conducted in all Service and concession buildings during the month. The annual report was submitted to the Regional Office on June 24.

Wildlife and Fish Cultural Activities: At mid-month a die-out of fish occurred at Royal Palm Pond. Of great interest was the fact garfish were the species being affected. It was, heretofore, thought garfish were extremely hardy and could survive most conditions. Closer examination disclosed a parasite (Ardulus) was found on all dead or dying fish. Information received from the University of Miami Marine Laboratory and Biologist Kolipinski revealed the Ardulus were normally present in the pond. However, a triggering mechanism of some type, probably brought about by the drought, caused this parasite to increase at an extremely rapid rate. The dead and dying fish were removed from the pond. Some were washed in salt water baths and replaced. In an effort to keep the spread of the Ardulus into the Anhinga Trail area sandbags were placed each side of Royal Palm Pond. It is thought the infection will run its course, and with the coming of rains and high water the area will be flushed clean and fish populations revived.

The bird roost in Chokoloskee Bay is again doing well. Louisiana Heron, Cormorants and Pelicans have nested in this area and all have young. Over 10,000 White Ibis are now roosting on the small Chokoloskee Island in the evenings.

Resource Planning

Water Resources: The month opened with Hydraulic Engineer F. A. Nix in Washington to attend meetings on the Park water situation. On the 3rd, the Florida Work Group met at the Park Headquarters. This meeting was attended by Mr. Alfred Vick, III, Hydraulic Engineer, Southeast Regional Office.

Mr. Nix returned to Washington on June 8 for meetings with Secretaries McNamara and Udall, Director Hartzog, Superintendent Joseph and members of the Corps of Engineers staff at Washington level on interim methods of securing water for this Park.

On the same day this meeting was held, a meeting was held in Park Headquarters with Dr. Frank C. Craighead, Collaborator, on the use of mangrove dikes to retard flow of fresh water from the Park, thus aiding in maintaining water levels.

On instruction from Washington, Mr. F. A. Nix. attended a meeting of the Board of Conservation, State of Florida, in Tallahassee on June 15. He was met there by Superintendent Joseph, who also attended the meeting. The following day Mr. Nix met with the U. S. Geological Survey people in their Tallahassee offices for further discussion of the water situation in Everglades National Park.

Mr. Joe Karban, Hydraulic Engineer of EODC, arrived June 28 and spent several days in the Park. He viewed the Corps work from the air; from the ground and completed his survey of possible future works by discussing the water situation with members of the U. S. G. S. staff in their Miami office. Enroute to Philadelphia Mr. Karban planned to visit the Corps of Engineers

offices in Jacksonville and review Design Memorandum for proposed levees and pump locations, planned in previous meetings in Washington.

Public Affairs

Public Relations: Peter Farb, writer from New York City, was accompanied into various sections of the Park to view the critical drought conditions. He will write an article based on his personal observations.

Saturday, June 26, saw much activity beginning at 8:30 when Dr. George Sprugel and a group from the National Science Foundation arrived. These visitors were accompanied by Park Biologist William B. Robertson on a tour of the Park after being greeted by Acting Superintendent Burroughs.

Mr. Gebhart, an author writing an article on the Everglades National Park drought, spent several hours with Acting Superintendent Burroughs going over in detail the results of the drought, possibilities of water, etc. as background for his article to appear in the National Wildlife Magazine.

Many hours were spent in again presenting the water situation to members of TV, radio, and newspapers in the State following a series of showers lasting approximately three days in the area of the Park and producing sufficient water to raise the water table slightly. More lasting rains in the State, north of the South Dade area, produced this influx of inquiries. The explanation of the continuing drought in the Park and the explanation of why it did continue were time consuming, primarily because each individual contact required covering the entire situation.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Contract Architect Edward M. Ghezzi submitted June 7, to the Eastern Office, Design and Construction revised preliminary plans and specifications with estimated cost for the Alteration to Visitor Center Including Audiovisual, Parachute Key.

New Construction

Harris Paving and Construction Company contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Area is 75 percent complete. Approximately 250 cubic yards of topsoil are stockpiled at the site. The first grass seeded has started sprouting.

The lower bidder to construct three Employee Residences (2-bedroom) at Flamingo met with members of the Park Staff and negotiated a bid for $17,120 per residence. The other bidder declined the invitation to negotiate for a bid. Memorandum dated June 9, from the Eastern Office, Design and Construction to the Regional Office recommended the bid be awarded at the negotiated bid price of $17,120 per residence. Memorandum dated June 14, from the Regional Office to the Eastern Office, Design and Construction deferred project to provide funds for the emergency water supply development. The Regional Office has included this project in a tentative list of projects for the 1967 Construction Program.

The City of Everglades has completed test on the water line installed to furnish water service to the Park Visitor Center Site at Everglades. Installation of meters is pending. Driveways to the three Park residences at Everglades which were disturbed for the installation of water line have not been repaired.

The U. S. Coast Guard delivered the piling to the site for the repair of the dock at Fort Jefferson National Monument. The U. S. Coast Guard has scheduled the delivery of the timbers to the site for this project.

Conferences and Meetings

Regional Hydraulic Engineer Al Vick, during his visit to the Park, met with members of the Maintenance Division to dicuss the quality of the water from the wells at Flamingo and the possibilities of relocating the wells.

Carroll A. Burroughs
Acting Superintendent

Mr. Elmer Spivey, Florida Forest Service, Perrine, Florida, presenting Asst. Chief Ranger Ralph D. Maxwell, Woodman of the World Conservation Award at the 75th Anniversary Dinner in Homestead, Florida - June 24, 1965

Ralph D. and Mrs. (June) Maxwell displaying plaque following presentation

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: [X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): June 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	B-27-EVER							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	99	Balance of Day Labor Portion $200.43
	Including Trailer Facilities	U-72	11/63	2/1/63	&	July 65		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of Campground & Trailer
	Fill (63)	U-79	11/63	3/22/63				facilities pending completion of
	Construct Utilities (Water & Sewer)	B-139	3223A	6,229				contract work in this area.
	Housekeeping Cabins, 36 Units, 12	B-140	11/63	6/6/63				
	Structures (63)	B-147	3224A	55,600				
		B-129-1	6/63	6/26/63				
		B-132-1	3223A	41,517				
			11/63	6/20/63				
				2,250				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				980				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1965	Flamingo: Employee Residences (2-bdrm) 3, Including Utility Connections and Grounds Improvements	B-136	3240A 1/4/65	Est. 49,800 8/19/64	C	July 66 / Jan 67	0	D&C One bidder declined to negotiate on bid. The low bidder negotiated for a price of $17,120 per residence. Memo dated June 9 from NODC recommended award of bid. Memo dated June 14 from Regional Office deferred project to provide funds for emergency water supply development.
1965	Parachute Key: Alteration to Visitor Center, Including Audio-visual	B-141	3219D 1/65	Est. 27,700 8/19/64	C	July 65 / Oct 65	0	D&C Revised preliminary plans submitted by Contract Architect June 7 to NODC with revised estimates and estimated cost.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1963	R-14-EVER							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Contract #14-10-0111-230, Harris
	Flamingo Campground	R-93	11/63	8/1/63	&	July 65		Paving and Construction Co., orig.
1961	Flamingo: Construct Roads, Parking	R-102	3236 Re	30,000	DL			amt. of Contract $17,550.00.
	Area and Walks for Concessioner	R-106	11/63	3/22/63				Contract 75% complete. An estimated
	Housekeeping C bins (61)	R-113	3220A	750				250 cu.yds. of topsoil stockpiled
1964	Construct Roads, Parking Area and		11/63	9/4/63				at site. First grass seeded has
	Walks for Concessioner Motel Units		3223A	112,145				started sprouting.
	(64)		11/63	2/4/64				
			Sketch Re	32,806				Walks to Concessioner Housekeeping
			Un-No.	3/2/64				Cabins 100% complete. Unobligated
				400				balance of Day Labor Portion $277.3
				4/22/64				
				4,147				Unobligated balance of funds on
				11/30/64				Program Adjustment R-64-13 approved
				1,700				4/21/64: $17,378.32.
				3/3/65				
				4,275				
				5/7/65				
1961	R-17-EVER							P.
	Long Pine Key Campground &	R-156		2,500	DL	Feb 64	99	Balance of shipment on purchase orde
	Picnic Area, Construct and			2/10/64		July 65		to Blue Ridge Parkway has been
	Erect Signs and Markers							delayed.
								Balance of funds obligated.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

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REPORT FOR (Month and year): June 1965

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1962	B-28-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/4/63	DL	Feb 63 Sep 65	46	P. Unobligated balance of funds: $1,686.59. Completion pending final cleanup of Parade Ground.
1965	B-41-EVER Repair and Repoint Fort Walls and Casemates and General Cleanup	M-27-1	2003 1/1939	27,400 7/13/64	DL	Jul64 Dec 65	37	P. Debris being removed from Parade Ground. Unobligated balance of funds: $10,565.62

folder information attached

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

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Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1963	B-27-EVER							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	99	Balance of Day Labor Portion: $200.
	Including Trailer Facilities	U-72	11/63	2/1/63	&	July 65		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of Campground & Trail
	Fill (63)	U-79	11/63	3/22/63				facilities pending completion of
	Construct Utilities (Water & Sewer)	B-139	3228A	6,229				contract work in this area.
	Housekeeping Cabins, 36 Units, 12	B-140	11/63	6/6/63				
	Structures (63)	B-147	3224A	55,688				
		M-129-1	6/63	6/26/63				
		M-132-1	3223A	41,517				
			11/63	6/20/63				
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				2/10/64				
				350				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1963	B-14-EVER Circulatory Roads and Parking, Flamingo Campground	[illegible] [illegible]3	3220A 11/63	60,000 8/1/63	C &	Jan 63 July 65	95	D&C Contract #14-10-0111-230, Harris Paving and Construction Co., orig. amt. of Contract $17,550.00. Contract 75% complete. An estimated 250 cu. yds. of topsoil stockpiled at site. First grass seeded has started sprouting.
1961	Flamingo: Construct Roads, Parking Area and Walks for Concessioner Housekeeping Cabins (51)	B-102 B-106 B-113	3236 Rev 11/63	20,000 3/22/63	DL			
1964	Construct Roads, Parking Area and Walks for Concessioner Hotel Units (64)		3220A 11/63 3223A 11/63 Sketch No. Un-No.	750 5/4/63 112,145 2/4/64 32,896 3/2/64 400 4/22/64 4,147 11/30/64 1,700 3/3/65 4,270 5/1/65				Walks to Concessioner Housekeeping Cabins 100% complete. Unobligated balance of Day Labor Portion $277.32 Unobligated balance of funds on Program Adjustment 1-64-13 approved 4/21/64 $17,378.32.
1961	8-17-ENPK Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	B-136		2,500 2/10/64	DL	Feb 64 July 65	99	F. Balance of shipment on purchase order to Blue Ridge Parkway has been delayed. Balance of funds obligated.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

[X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

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F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	B-40-EVER Garden Key: Seeding & Fertilizing (Parade Ground)	B-65	2003 1/1939	3,000 2/4/63	DL	Feb 63 Sep 65	46	P. Unobligated balance of funds: $1,626.59. Completion pending final cleanup of Parade Ground.
1965	B-41-EVER Repair and Repoint Fort Walls and Casemates and General Cleanup	B-67-1	2003 1/1939	27,400 7/13/64	DL	Jul 64 Dec 65	37	F. Debris being removed from Parade Ground. Unobligated balance of funds: $10,505.62.

A2615

Summary of the July 1965 Monthly Narrative Report for EVERGLADES NATIONAL PARK

GENERAL:		Page
Weather:	High temperatures. Thunderstorms throughout Park.	
Travel:	Increased 26% over last July; year to date increase 30%. Concessions use up 40% over last year. Camping up 380% over last July and 13% for year. Travel in Gulf Coast District down 10% because of mosquitoes.	1
Visitors:	Less than usual number	2
Special Activities:	Two college groups assisted.	2
Miscellaneous:	Superintendent returned. Several staff members on leave. Park guide Harriot returned from two month trip visiting NPS areas	2
ADMINISTRATION:	Chief Park Ranger transferred. Foreman IV (Maintenance) transferred.	3
CONSERVATION, INTERPRETATION & USE:	Guy Bradley memorial plans progress. New Parachute Key Visitor Center closing hours effective. Bird roost at Chokoloskee Bay doing well. Indications of an early bird migration. One Flamingo seen. Water hyacinth still problem in Tamiami Subdistrict. Willow on increase with drought conditions	4
RESOURCE PLANNING:	Meeting on water problems with Senator Holland and others resulted in plans for sump along Tamiami Trail to pump water into Shark River Slough during times of drought. Test drilling arrangements completed with Corps of Engineers for eight cores to be drilled to supply water for sump. EODC representative here to obtain information on field conditions adjacent to planned sump to aid in design. Islandia report released.	6
PUBLIC AFFAIRS:	Environmental sanitation inspection of proposed Job Corps Center site made by U. S. Public Health Service	7

In reply refer to:
A2615

UNITED STATE
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT

For

EVERGLADES NATIONAL PARK

July 1965

General

Weather Conditions: July was very warm with temperatures ranging from 97° at Tamiami Ranger Station to 66° at Royal Palm and the relative humidity was high. Thunderstorms of varying intensity were experienced throughout the Park, however, rainfall is still below normal. The Taylor Slough gauge read 2.27' on July 31 as compared to 3.11' for July of last year. While precipitation for the year is still below normal, at least some fresh water is now available for vegetation and wildlife. The rains have brought out a heavy onslaught of mosquitoes.

Increase in Travel: Visitation continued its upward climb with a total of 72,356 persons visiting the area. This is 26% greater visitation than recorded for July 1964. A total of 674,019 people have entered the area this year, this is a 30% increase over 1964. Use of concession facilities was up 40% over July of last year. Camping showed a remarkable increase with July's figures showing a 380% increase over July of last year, and the total for the year was up 13%. While the travel figures in general showed a marked increase, the travel in the Gulf Coast area was down 10% due to the heavy mosquito infestation and lack of commercial fishing.

Persons from 46 of the 50 States entered the Park with only Idaho, Maine, Utah and Vermont not represented. From registration data at the Royal Palm Visitor Center it was noted that visitors from two Canadian Provinces, 4 U. S. Territories (Puerto Rico, Virgin Islands, Okinawa, and Canal Zone), and the following foreign countries were in the Park: Netherlands, Jamaica, Italy, Portugal, Japan, Belgium, Costa Rica, France, Germany, Brazil, Ethiopia, England, Austria, Columbia, Scotland, South Africa, Mexico, Chile, Thailand, Denmark, Finland, Australia, Peru, Argentina, Sweden, Bolivia, and Venezuela.

Parachute Key Visitor Center showed an increase of 27% over last month. There was a 35% increase in the number of visitors to the Flamingo area over the corresponding month last year. Attendance at programs in Flamingo dropped by about 12%. This was attributed to the heavy mosquito infestation. Weekend bayshore walks ended with less than half the beginning complement in attendance for the same reason.

List of Visitors:

Mr. Otis Imboden, photographer, National Geographic Society, Washington, D. C.
Mr. Archie Jones, Collaborator on snail research work, Miami, Florida.
Mr. William J. Schneider, staff engineer, Water Resources Div.,U.S.G.S., Washington, D. C.
Dr. Spackman, Penn. State University.
Mr. John O'Riley, writer, New York Times and Sports Illustrated, New York, N. Y.
Dr. Telford Work, Virology Section, Communicable Disease Center, U. S. Public Health Service, Atlanta, Ga.
Mr. D. B. Lieux, Regional Entomologist, U. S. Public Health Service, Miami,Fla.
Dr. George Sudia, U. S. Public Health Service, Atlanta, Georgia.
Mr. William A. Grant, Assistant to Congressman Leo B. O'Brien.
Mr. H. K. Mikell, Chief Fire Control, Fla. Forest Service, Tallahassee, Fla.
Mr. H. C. Peoples, Asst. Fire Chief, Fla. Florest Service, Tallahassee, Fla.
Mr. R. C. Hill, District Forester, Fla. Forest Service, Tice, Fla.

Special Activities:

Forty-two students from the University of Miami were given a tour of the Shark Valley Loop Road and Observation Tower.

A group of seven college students from Rigaud College, Bourget, Quebec, were conducted on field trips by Naturalists Mrazek and Paige on July 17 and 18. The group was under the supervision of Father Genest.

Miscellaneous:

Superintendent and Mrs. Joseph returned from Washington, D. C. Mr. Joseph had served for about two months as a member of the Servicewide Evaluation Committee in the Washington Office.

Chief Park Ranger Robert J. Branges and family left for Fire Island NSA, New York, shortly after their return from a month of annual leave.

Francis A. Nix, Hydraulic Engineer, and his family returned from annual leave about the middle of the month.

A traditional fish fry was held at Flamingo for Mr. Graham Liles and family. Mr. Liles transferred to Dinosaur National Monument, Colo.

Park Guide Maude Harriott returned from a 10 weeks camping vacation. She and her husband, Bill, visited 15 National Parks and Monuments; traveled 12,000 miles, reaching Cape Flattery, the northwestern most point in the continental United States - the point furthest away from Everglades National Park.

Assistant Chief Naturalist Robert Haugen and his family also embarked on a camping vacation which encompassed several of the eastern National Forests and Great Smoky Mountains National Park.

Administration

Personnel: Changes: Goble, Marion B., reassigned and promoted to Secretary, (DMT) GS-5, Naturalist Division from Secretary, (DMT) GS-4, Administrative Division.

Separations: Branges, Robert J., Supervisory Park Ranger, GS-12, transferred and reassigned 7/18/65 to Fire Island NSA, New York.

Liles, Graham A., Foreman IV (Maintenance) WS 5472-89 transferred and promoted to Maintenance Supervisor , GS-11, at Dinosaur National Monument, Colorado.

Conservation, Interpretation and Use

Interpretive Facilities: Mr. Lester Pancoast, Architect representing the Audubon Society, again met with Chief Park Naturalist Christensen and Park Naturalist Zimmer on July 11. On this occasion they traveled to Flamingo to look over the proposed site for the Guy Bradley Memorial as planned by the Park Service.

Work continued on the collection, identification, and labeling of representative marine shells of the Flamingo and Cape Sable areas.

Flamingo Naturalists explored the beginning of the canoe trail to Pearl Bay to inspect its condition and weigh the possibilities of improving it for public use. At present it is in need of clearing and remarking.

Interpretive Services: With the return of District Naturalist Hrazek from vacation, evening programs have been scheduled each evening except Sunday. These programs continue to be a favorite with the visitor.

Because of mosquitoes, the conducted walks at Royal Palm have centered around the Anhinga Trail where there is still a moderately good "show", and where the water problem is still in evidence and can be discussed with the visitor.

The new closing hours at Parachute Key Visitor Center (8:00 a.m. - 6:00 p.m. Monday through Friday; 8:00 a.m. - 7:00 p.m. Saturday and Sunday) have been in effect throughout the month. A tally of persons who entered the Visitor Center during this time has been kept with the resultant totals:

5:00 - 5:30:	248	
5:30 - 6:00:	140	(4 of these stopped to feed the baby; 3 to report a car in difficulty)
6:00 - 6:30:	43	
6:30 - 7:00:	10	

Research and Observation: The bird roost in Chokoloskee Bay is doing very well. An estimated 14,000 birds are using the roost. A well-formed roost was located at the mouth of the Chatham River with an estimated 25,000 birds. These are birds which used Duck Rock before Hurricane Donna and were on Buzzard Key two years ago; they were on the mainland shore in back of Buzzard Key last year.

There were several indications of an early bird migration at Flamingo. Observations included: Redstarts, Yellow-throated Warblers, Barn Swallows, Spotted Sandpipers and Kingfishers.

Reports received from Shark Valley Loop Road indicate that the deer herd has increased due to low water years and increase in food supply because of vegetational changes and few predators. The lubber grasshoppers appear to be increasing due to the drying out of the Glades allowing more eggs to survive. This drought, though, has caused a tree die back along the Shark Valley Loop Road. Otter have frequently been observed in this area.

Ranger personnel escorted Mr. Kennedy (from the Florida Atlantic University) on a field trip to Mormon Key to excavate a site where whole pots were found in the ground. While "pieces" of the Indian pots were found heretofore, it was interesting to unearth whole pots at that site.

A single Flamingo was seen on the Dave Foy Bank near Palm Key. This was the first sighting in the Flamingo area in about a year.

Ranger personnel, accompanied by Collaborator Dr. Frank Craighead and Mr. Otis Imboden, photographer for National Geographic, went on an overnight trip to Cape Sable to observe sea turtle nesting. The nesting season was apparently too far advanced, since no observations were made.

One of the two clutches of turtle eggs transplanted in May from Cape Sable to Flamingo began hatching the latter part of the month. By the end of the month, 54 of the 124 eggs had hatched. The young turtles were released in Cape Sable.

Water hyacinth invasion is still a problem in the Tamiami Sub-district. This is very true with the Shark Valley Loop Road Canal and its connection with the old Trail Canal. Hyacinth is increasing in the old culverts along the old Trail. If and when a high water year occurs, it will surely find its way into the Shark Valley where it will rapidly multiply. It is capable of increasing 23-fold in one year.

Willow increase is another vegetational change which is very evident in the Tamiami Sub-district. Willow sprouts from seed are appearing along the Shark Valley Loop Road in open glades areas where it has never occurred before. This is probably the result of the dry period since the willow seed requires a moist soil and will not sprout in open water. This indicates a profound ecological change from a hydric situation to a more mesic condition. Once the willow is established the succession is speeded up tremendously. If this continues, many areas of the open glades will become willow heads.

Protection: Finalizing of plans for the Secretary's Clean Up Sunday were accomplished at Staff Meeting held on July 28. Clippings on this activity were forwarded to Regional and Washington Offices.

The Park plane, along with Coast Guard aircraft, spent several days searching the Florida Bay area for a light plane reported overdue between Key West and Miami. Ranger personnel conducted one boat rescue during the month and aided in another involving a houseboat which went aground near Crocodile Dragover.

Several stone crab traps were discovered set within the Park and confiscated, while about 40 traps were found stockpiled on the bank of Big Sable Creek. The owner of these traps was requested to remove them.

A widespread illegal fishing operation using set lines in East Cape and Middle Cape Canals and Tarpon Creek was discovered. These lines were set primarily for jewfish and it is believed that catches have been heavy. Patrols to check on this have been stepped up.

Efforts to control speeding boats in the Flamingo basin and Tarpon Creek areas were intensified after several complaints were received. To date, only verbal warnings have been made to offenders.

Two thefts were reported by the Everglades Park Company employees during the month - one of $180 cash and the other of minor personal items. No progress was made on the theft of the cash and the employees involved in the other case declined to sign a complaint.

Two and one-third miles of Park boundary near the missile site in the Hole-in-the-Donut were marked by Ranger personnel. "No hunting" signs were posted one mile along Long Pine Key Road on the newly acquired land. The Iori farm buildings were posted with "FBI warning" signs.

Patrol mileage for the month is as follows: Aircraft 10,000; motor vehicle 10,943; Weasel 30; Boat 2,410; and Airboat 34; total 23,417.

Forest Fire Protection: One fire occurred during the month (Evening Lightning Fire on July 16) which burned 9 acres of land within the Park.

Four wells, 12" in diameter and 22 feet deep, were drilled during the month. Two in the Royal Palm Visitor Center area to provide protection from glades fires entering the hammock, one located at the Pine Island airstrip for use by airplane tankers, and the other by the Fire Cache for building fire protection and training.

The artesian well drilled by the U. S. G. S. at Royal Palm came in with 1,000 gallons a minute at a depth of 1,333 feet on the 2nd of the month.

Sanitation: Dr. Telford H. Work, U. S. Public Health Service, Atlanta, Ga., and his group continued their work on mosquitoes in the Park. Dr. Work was accompanied by a Life staff writer gathering material for an article on the long range effects of drought in Everglades National Park.

Concessioners: Superintendent Joseph met with District Ranger Richard A. Stokes and concessioner Sammy Hamilton of Everglades, Florida on July 22 regarding concession operations and plans, and also a price change which the concessioner wished to make.

Mr. Robert B. Knight, President of the Everglades Park Co., Inc., initiated a planting program at Flamingo. Details were worked out in a meeting and telephone conferences with Superintendent Joseph and staff regarding landscaping to be done around the new Flamingo cottages and motel units to improve the appearance of these rental units and to supply shade.

Resource Planning

Water Resources: After a meeting in Senator Holland's Office on June 7 attended by representatives of the Department of the Interior, Department of Defense, Corps of Engineers, State of Florida, Central and Southern Florida Flood Control District and the Florida Congressional delegation, it was determined to place a sump with pumps in the northeastern corner of the Park as an emergency water supply for the Shark River area. While this planned new facility will be available for emergency use, the principal fresh water supply for the Park is to come in future years from Central and Southern Florida Flood Control Project works.

The last week of the month arrangements were completed to go ahead with drilling test cores into the aquifer to determine quantities of water available for pumping at an alternate site. The Corps of Engineers was notified that the National Park Service accepted their estimated cost of $30,000 for the drilling of 8 test cores under the supervision of the U. S. Geological Survey. These test wells are to begin approximately eight miles south of the Tamiami Trail and continue, approximately parallel to the eastern boundary of the Park, at distances of approximately 1,000 feet apart, in a southerly direction. Hydraulic Engineer Nix has coordinated drilling and testing activities with Howard Klein of the U. S. G. S., Corps of Engineers, and other offices concerned.

Mr. Joe Karban of EODC arrived on July 12 to obtain information about field conditions at the Park adjacent to the planned sump area, and to assist in the design of the facility.

Mr. Herbert Alley of Tavernier, Florida (an ardent and well-known conservationist) met with Superintendent Joseph, Assistant Superintendent Burroughs and Hydraulic Engineer Nix regarding the Park's water problem and what he might be able to do in aiding in a solution. Superintendent Joseph and Hydraulic Engineer Nix attended, subsequently, on July 21 a committee meeting of the Miami-Dade County Chamber of Commerce which considered proposed resolutions to aid in solving water problems.

The Florida Work Group met at Park Headquarters on July 15.

Proposed Park Areas: The Florida Coral Reefs Islandia report was distributed by the Regional Office. Copies were also made available by the Park to the press, TV, radio and other interested individuals and organizations. Clippings covering public reaction to this report were mailed to the Regional and Washington Offices as soon as they appeared. Quite a few of these reports have been mailed to individuals calling in requests following local publicity.

Cooperation with other Federal, State and Local Agencies: Ranger personnel demonstrated the Trackmaster to representatives of the Florida Forest Service and Metropolitan Fire Department.

Ranger personnel assisted Staff Engineer William J. Schneider, Water Resources Division, U. S. G. S., Washington, D. C., by cutting two pine trees for ring study.

Ranger personnel assisted Mr. Don Eliason and D. B. Lieux, U. S. Public Health Service, in trying to locate larvae from the mosquito Aedes Aegypti. The residences in Pine Island, the dump, and old Iori buildings failed to produce any larvae. This mosquito carries yellow fever.

Battery C completed their move of the Nike Missile Site into the Hole-in-the-Donut on the 2nd of the month.

Cooperating Non-Government Agencies: Naturalist Zimmer and Park Biologist Robertson compiled information and photographs pertaining to the Park which had been requested by Richard Carrington, an author who is undertaking a volume about parks of the world.

Public Affairs

Proposed Job Corps Center: Mr. Hansler of the Department of Health, Education and Welfare made an environmental sanitary inspection of the proposed Job Corps Center site for Everglades during the month.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

The Eastern Office, Design and Construction is in the process of making minor changes to the revised preliminary plans for the Alteration to Visitor Center Including Audiovisual, Parachute Key.

New Construction

Stop Order dated July 8 was issued to Harris Paving and Construction Company on Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground. A preliminary inspection of the area was made five days prior to the completion date of the contract and the project area showed very little sign of grass. The work on the contract is 90 percent completed and will be considered 100 percent complete when a stand of grass is evident in accordance with the specifications of the contract.

Acceptance of the water line installed to furnish water service to the Park Visitor Center Site at Everglades City is pending installation of a water meter and repair of driveways.

The U. S. Coast Guard delivered timbers to Fort Jefferson National Monument for the repair of the dock, and a portion of the piling is in place.

Conferences and Meetings

Representatives of Harris Paving and Construction Company met with members of the Park Staff July 8 to discuss status of project under Contract No. 14-10-0111-230. At this meeting it was pointed out the Stop Order was issued to allow additional time to determine if the grass seed would germinate or remain dormant. An on-site inspection revised estimate of 250 cubic yards of topsoil stockpiled to 330 cubic yards of topsoil. A price of $3.55 per cubic yard of topsoil in stock pile was agreed upon.

Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1963

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
196[illegible]	211791							D&C
	Flamingo Campground Development	3-71	3[illegible]	107,061	C	Jan 63	99	Balance of Day Labor Portion $2[illegible]
	Including Trailer Facilities	3-72	11/63	2/1/63	&	Sep 63		
	Loops 2 and 3 Building Cquito	3-73	32[illegible]	20,000	DL			Installation of Campground and Trail
	Fill (63)	3-79	11/63	3/22/63				facilities pending completion of
	Construct Utilities (Water & Sewer)	3-137	3[illegible]	6,287				contract work in this area.
	Housekeeping Cabins, 36 Units, 1P	3-140	11/63	6/6/63				
	Structures (63)	3-147	3[illegible]	55,600				
		3-139-1	4/63	6/26/63				
		3-139-1	3[illegible]	41,347				
			11/63	6/21/63				
				2,850				
				6/6/63				
				2,803				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				[illegible]				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Planning: Employee & Visitors (2-blgs.) 3. Including Utility Connection and Grounds Improvements	D-135	3[illegible] 1/4/65	Est. $3,300 5/20/65	C	July 65 June 66	0	D&C Project declared to provide fresh water development.
1965	Recreation Bgs: Alteration to Visitor Center, Including Audio-visual	[illegible]	3[illegible] 1/65	E.C. FY 1966 5/20/65	C	Aug 65 Nov 65	0	D&C Plans being reviewed by NPS

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 65

F.Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	% COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1965	EVER							TBC
	Circuitdrive Roads and Parking, Flamingo Campground	3-4A	3004	60,000	C	Jan 65 / Sep 65	99	Contract #14-10-001-65, Morris Paving and Construction Co., Inc.
1965	Flamingo Construct Roads, Parking;	3-4B	3004	60,000	DL			orig. amt. of Contract $11,990.00
	Area and Units for Concessioner	3-4C	11/63	3/12/65				Stop Order issued July 6 to allow additional time for award of grant
	Housekeeping Cabins (24)	3-4E1	3004	720				to accept project.
1965	Construct Roads, Parking Area & Units for Concessioner Hotel Units (24)		11/63	3/4/65				
			3004	112,140				
			11/63	2/1/65				Unobligated balance of Day Labor Portion $30.66.
				32,800				
				3/1/65				
				400				Unobligated balance of funds on Program Adjustment 3-64-13 approved 6/21/65: $27,378.34.
				6/22/65				
				4,147				
				11/30/64				
				1,700				
				3/2/65				
				4,277				
				5/7/65				
1965	EVER							F.
	Long Pine Key Campground & Picnic Area, Construct and Erect Signs and Markers	3-4D		2,721	DL	Feb 65 / July 65	100	Final shipment of signs from Eisenhuth Sign Company received to be installed on Maintenance Account.
				3/12/65				

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

[X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): July 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
[illegible]	[illegible] Garden Key Grading & Portilizing (Female Dorms)	14-05	2003 1/39	2,000 2/4/63	DL	Feb 65 Sep 65	40	P. Contingent balance of funds $1,000.59 Completion pending final cleanup of Female Dorms
1965	[illegible] Repair and Improve Fort Walls and Casemates and General Cleanup	14-07-1	2003 1/37	27,500 1/23/64	DL	July 64 Dec 65	37	P. All rubble from demolished quarters has been removed and the foundations have been cleaned out and sealed. Repairing is in progress.

Summary of the August 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

GENERAL:		Page
Weather:	Drought conditions prevailed through a very warm month	1
Travel:	25% increase for month - 30% increase for year	1
Visitors:	Less than usual. Mr. Lewis Flagg, Asst. Solicitor, Interior, WASO	1
Special Activities:	Vertical face of shell mound stabilized Five Rangers to Castillo de San Marcos for 400th Anniversary celebration	2
ADMINISTRATION:	Three promotions; four reassignments.	2
CONSERVATION, INTERPRETATION & USE:	Trouble continues with audio-visual equipment Progress made on plans for Guy Bradley Memorial Trail.	2
	Large bird roost formed on Rock Hole Key. Chokoloskee roost doing well. 62 Loggerhead turtles hatched at Flamingo released on Cape Sable. Fall migration of birds has begun. Two sightings of marsh hawk. Operation "Protection" going well and achieving its purpose.	3
	Minor break-in theft in Gulf Coast District. Three vehicle accidents involving Govt. property Park cooperated in "Operation Cleanup" with aid of local Boy Scout troop	4
	New airboat accepted. Western Florida Bay channel markings complete. Two fires occurred - one in Park; one in protective zone.	5
RESOURCE PLANNING:	Mr. Lewis Flagg, Asst. Solicitor, Interior Dept. Washington, spent several days in Park Drilling for test wells begun. Superintendent and Hydraulic Engineer called to Washington on water problem Boundary markers on Iori property being changed. Islandia keyman report submitted by Supt.	5
	200 knot wind speed indicator installed at Tamiami Subdistrict	6
PUBLIC AFFAIRS:	Anthony Wayne Smith, Washington, D. C. advised of progress on water problem solution Tom Dickey's proposed trip cancelled. Superintendent Joseph member of Chamber of Commerce panel of Tourism vs. Industry.	7

In reply refer to:
A2615

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

August 1965

General

Weather Conditions: August was very warm. For the most part temperatures were in the high 80's with a maximum of 95° recorded at Tamiami and a minimum of 67° at Royal Palm. Drought conditions prevailed throughout the Park during the month with the Taylor Slough gauge reading 2.19' as compared to 3.09' last August.

Increase in Travel: Travel continued its upward trend with an increase of 25% over August of last year or a 30% increase for the year to date. There was a slight increase in campers in the Long Pine Key Campground, however, heat and mosquitoes resulted in a decrease in campers at the Flamingo campground. Camping for the year shows a 13% increase compared to a like period last year. In spite of heat and mosquitoes attendance at walks and talks at Royal Palm was very good. The Flamingo staff reports increase of attendance at their evening programs.

Visitors: Visitors from every state, except Alaska, New Mexico, Oregon, Utah and Vermont sighned the register at Royal Palm. Also represented were six Canadian Provinces, one U. S. Territory and the following foreign countries: Australia, Poland, Spain, Trinidad, Jamaica, The Netherlands, Panama, Austria, Ghana, Sweden, England, Scotland, Venezuela, Brazil, Italy, France, Japan, New Zealand, Denmark, Germany, Hungary, Belgium, Argentina, Ireland, Bahamas, Guatemala, Columbia, Uganda, and Switzerland.

Major Alford, Battalion Adjutant, Homestead AFB, Homestead, Fla.
Miss Ann Bellenger, University of Miami, Fla.
Mr. Charles A. Hoffman, and Mr. W. J. Kennedy, Anthropology Dept., Florida Atlantic University, Boca Raton, Fla.
Mr. S. C. Middleton, Materials Engineer, Div. of Testing, Florida State Road Department, Tallahassee, Fla.
Mr. Walter Dineen, Fisheries Biologist, Florida State Game and Fresh Water Fish Commission
Mr. Lewis S. Flagg, Assoc. Solicitor, Interior Department, Washington, D. C.
Mr. Charles Steen, Southwest Region Archeologist, New Mexico
Col. Vivian, Commander of Base Hospital, Col. Zubkoff, Executive Officer, and Captain Clements, Supply Officer, Homestead AFB, Fla.
Mr. Tom Roberts, writer for National Observer (Dow-Jones), Washington, D. C.
Mr. Ridgell, former Supt., House of Representatives Bldg., Washington, D. C.
Mr. Leslie Fugedy, EODC Engineer, Philadelphia, Pennsylvania
Mr. Waring Mikell, Chief of Operations, Southeast Region, Richmond, Va.
Dr. Kritzer Marine Biologist & Instructor Bard College, N.Y. and Florida State U.
Drs. B. Q. Ward and E. Spenser Garrett, microbiologists, Bur. of Comm. Fisheries, Pasagoula, Mississippi.

Special Activities: The Royal Palm Subdistrict Ranger, accompanied by Asst. Supt. Burroughs and Mr. Charles Steen (Southwest Regional Archeologist) traveled to Sandfly Island, where they stabilized the vertical face of a shell mound.

Rangers Benham, Carlson, Christensen, Chamberlaine and McKinney were on special assignment to assist in crowd control at St. Augustine, Castilleo de San Marcos for the 400th Anniversary celebration and commemorative stamp presentation.

Ranger Benton was called upon to testify in a civil court case in Erie, Pa., during the month. The case involved an insurance claim on an accident which occurred in the Park some time ago.

Miscellaneous: Park Naturalists Mrazek and Paige(Flamingo) spent one day on orientation and photography in the Shark Valley Loop Road area and Everglades. The day was topped off with the bird roost trip into Chokoloskee Bay which produced splendor galore in the form of seemingly endless string-like flights of white ibis and a spectacularly colorful sunset.

Administration

Personnel: Accessions:

NASETH, RUBEN P. returned to duty from furlough as FCA GS-456-4 effective 08/01

AMES, DAVID B. was reassigned and CAO from Park Ranger, Mesa Verde to Park Naturalist GS-452-7 Everglades 08/29/65.

HOUGHAM, RICHARD W. was promoted, CAO from Park Ranger, Carlsbad Caverns GS-5 to Supvy. Park Ranger, GS-7 Everglades effective 08/29/65.

KERR, ROBERT I. promoted CAO from Supv. Park Ranger GS-11 to Supvy. Park Ranger (Chief Park Ranger), GS-12, Everglades 08/15/65.

FOSTER, WILLIAM B. was assigned, CAO from Foreman IV (Maintenance) Yellowstone to same Everglades effective 08/01/65.

Changes:

ALEXANDER, WILLIAM M. was promoted from Supv. Civil Engr. (Gen) GS-810-9 to Supv. Civil Engr. (Gen.), GS-11 effective 8/15/65.

O'DELL, RAYMOND T. was promoted from Gen. Supply Specialist, GS-2001-9 to General Supply Officer, GS-2001-11 effective 08/15/65.

CLARK JENNETTE S. was promoted from Clerk DMT, GS-316-3 to Sec. (DMT), GS-4 effective 08/01/65.

All available members of the Interpretation staff were called in for a one day training session.

Conservation, Intepretation and Use

Interpretive Facilities: Trouble continues with the audio-visual equipment. The unit at Pa-Hay-Okee is still not fixed. The machine that has been in for repairs for over a year continues to be not available. In the Parachute Key Visitor Center the slide program is being operated on one unit. The wide screen movie projector is down and repair cost makes its repair questionable.

Members of the staff are making progress on the Guy Bradley Memorial Trail plans which are being made in cooperation with the Audubon Society.

Additional work was carried out on the marine shell study collection this month.

A review was made of several suggestions for new signs for the Mangroveland Nature Guide.

Interpretive Services: The number of visitors who took advantage of the later closing hours at the Parachute Key Visitor Center decreased over last month. The tally of persons who entered is as follows:

5:00 - 5:30	216
5:30 - 6:00	139
6:00 - 6:30	5
6:30 - 7:00	6

Research and Observations: Water level at Royal Palm and Taylor Slough has not been high enough this month to drown out the weeds in the canal area which is now choked with vegetation. Very little reproduction seems to be taking place in the ponds. Mosquitoes have been heavy most of the month causing discomfort to staff and visitors.

The bird roost which formed in the mouth of the Chatham River disbanded, probably due to boat traffic as the roost was beside the main channel and all boats entering the channel passed within a few feet of it.

A large roost formed on Rock Hole Key, located 3/4 mile southeast of Turtle Key. It is estimated this roost contains 30,000 to 40,000 birds.

The roost in Chokoloskee Bay is doing well. Large numbers of spoonbills were observed in the areaaround Turkey Key and south.

A portion of the second clutch of loggerhead turtle eggs, transplanted from Cape Sable, hatched at Flamingo during the month . Sixty-two turtles hatched and were released at the Cape.

On the 30th, two separate sightings of a marsh hawk, a winter bird in the Park, were made at Flamingo. Other migratory birds became common late in the month as the fall migration began.

Ranger Stokes met with Mr. Kennedy of Florida Atlantic University during the month to discuss Indian mounds.

Protection: At the beginning of August, Operation "Protection" went into effect. Four teams, of two men each, were given certain areas to patrol. These teams patrol and investigate suspected 'gator poaching waters. Each team maintains a daily log which is turned in weekly. Team 1 consists of Chesley E. Saunders and a newly assigned Seasonal Park Ranger, Stephen Marsh. This team patrols the waters of northern and eastern Florida Bay. Team 2 is headed by Ranger Markette assisted by George Cowles, a Seasonal Park Ranger hired for a temporary 2-month period. They work out of Flamingo in the "Arpeika" and a skiff patrolling the headwaters of the back country area. Team 3 is led by Ranger Morgan, assisted by a newly hired Seasonal Park Ranger, Ben Coen. Team 4 is comprised of Seasional Park Ranger James Denslow, who was reassigned from the Naturalist Division. His assitant is Seasonal Ranger Lee Dillon.

The larger part of ranger activities centered around Operation "Protection" this month. The operation is going well and is achieving its purpose. During the

patrols, 94 stone crab traps were removed from Park waters and destroyed. These traps were in the waters after the season had closed. Odolph Stokes was arrested for running without lights, improper registration, and no safety equipment. He was bound over to Federal Court. Team 3 of Operation "Protection" patrolled 1,060 miles of water and checked 31 boats with one arrest made.

A break-in theft occurred at the Gulf Coast District boat basin on the night of August 1. Window glass was broken and persons entered the metal building at the boat dock and took three outboard tanks of gasoline and a tool box with tools valued at about $150. FBI investigated with negative results. The case was turned over to the local sheriff's office.

Set lines continue to turn up at widely separated location in the Mangrove District. One warning citation was issued to a person found setting out such lines in the Cape Sable area.

Mangrove District personnel met with the Chief Ranger during the month to establish policy guidelines to be followed regarding management of the campground for the forthcoming season.

Boat patrols were made to all areas of the Mangrove District for orientation, public contact, and checks of commercial fishermen.

During August, three vehicle accidents occurred on the main Park road. Each of these involved damage to Government property. On August 7, an unknown vehicle ran over the "Keep Right" sign and traffic counter at the east end of the Entrance Station traffic island. On August 17, while on night patrol, Ranger Carlson observed a car resting on a roadside culvert. The auto had left the road, travelled 400' on the shoulder, knocked down a "45 mph" sign and came to a rest when the right front wheel dropped into the culvert. The operator stated he had been drinking and fell asleep. He was turned over to Captain Krump of "A" Battery, 2nd Missile Batallion, for disciplinary action. The operator of the vehicle was attached to the Missile Base in the "Hole-in-the-Donut".

On August 26, an auto accident occurred on Taylor Slough Bridge. The operator fell asleep while driving east on the main Park road and struck the northwest section of the bridge. Two passengers were taken to the hospital for examinations, but only suffered minor bruises. Damage to the auto was estimated at $1,200, and damage to the bridge was approximately $300. A warning citation was issued to the operator.

Ranger McKinney issued a citation to Mr. Ronald Chervinski of Homestead, Fla. on the night of August 22. Mr. Chervinski was driving in excess of 100 mph. After pursuit of 20 miles at over 100 mph, the auto was stopped by Rangers Benton, Cook and Holden at a road block. At the Commissioner's hearing, the operator was fined $250 and the fine was suspended. The operator was ordered to surrender his driver's license to the Park Dispatcher each weekend for four weekends.

Glades District personnel participated in "Operation Cleanup". Boy Scout Troop 445 of Homestead assisted in the program by passing out littler bags at the Entrance Station and urging Park visitors to pick up litter.

Glades District personnel attended a meeting with Captain Krump of the Missile

Battalion in the Hole-in-the-Donut. Rangers Maxwell, Miele, Carlson and McKinney attended to discuss violation of Park regulations by servicemen. Capt. Krump requested that violaters from the Missile Base be turned over to him for disciplinary action.

Ranger Benham and Shop Foreman Robert E. Lewis went to the Airboat Association for trial and acceptance of the new airboat built by Mr. Taylor.

Channel markings in the western part of Florida Bay were completed during August. All frequently used channels in this area are now prominently marked. A U. S. Coast Guard boarding team inspected private boats in the Flamingo area on one weekend during the month.

Semi-permanent ties were established in the upper Roberts River for use by the "Arpeika" during hurricanes. This will result in important saving of time during hurricane preparations.

Three persons were found onthe Shark Valley Loop Road with loaded firearms in their vehicle. They were taken before the U. S. Commissioner, pleaded guilty, their guns confiscated, and a $10 fine suspended.

Patrol mileage for the month is as follows: Aircraft, 7,700; Airboat, 352; Vehicles 15,787; Weasel, 40; Boat 3,655.

Forest Fire Protection: On August 3 a meeting was held to discuss plans for fire protection of the Missile site in the Hole-in-the-Donut. In attendance were: Ranger Carlson, Supt. Joseph, Asst. Chief Ranger Maxwell, Captain Radford of Metro, Jim Kean, County Forester of the Florida Forest Service, and Major Alford of Homestead AFB.

Two fires were suppressed by district personnel during the month, one of which was an escape control burn. The Strano Escape Fire occurred on August 12 and burned eight acres outside the Park; the Power Line Fire occurred on August 29 in the Taylor Slough area and burned three acres within the Park. This fire started when a rotted power line pole fell into the sawgrass just south of the Old Ingraham Road on the back way to the Anhinga Trail.

Building Fire Protection: Rangers Carlson and McKinney operated the building fire truck to further familiarize themselves with its use. Most of the training session was in the operation of the pump.

Concessioners: Landscaping of the area around the motel and cottages at Flamingo was completed during the month. Many mature palm trees, as well as smaller plants, now break the barren appearance of the new buildings.

Resource Planning

Water Resources: Mr. Lewis Flagg, Asst. Solicitor, Interior Department, Washington, D. C. visited the Park for several days. He flew over the area viewing the Corps works, canals, Conservation Areas, etc. as well as spending several hours in conference with the Superintendent and members of the Park staff on the Park's water problem. He remained overnight at Flamingo.

Asst. Superintendent Burroughs and Hydraulic Engineer Nix spent a day at the Jacksonville Office of the Corps of Engineers going over plans of the Corps for Survey Review Report on the Park and other proposed works adjacent to the Park.

Drilling for the test wells to estblish location of authorized sump in the northeast corner of the Park was begun on the 10th of the month by the Corps of Engineers, with supervision from the U. S. Geological Survey.

On August 25 the Florida Work Group met at the offices of the Bureau of Commercial Fisheries at St. Petersburg Beach, Florida.

Upon completion of the meeting at St. Petersburg, Mr. Joseph left for Washington, D. C. to attend meetings with the Director and other members of the Washington staff regarding the Everglades water problem solution; he was joined there later by Hydraulic Engineer Nix. Both remained in Washington through the end of the month.

Boundary Adjustments: Rangers Carlson and McKinney removed the old Park boundary signs along the north and east sides of the former Iori property located north of the Long Pine Key road. The need for these signs no longer exists as this area was taken over by the Park from the FHA. The newly established Park boundary is in the process of being posted.

Proposed Park Areas: Superintendent Joseph, as keyman, submitted a report on the Florida Coral Reefs (Islandia) the report on which had been released earlier.

Cooperation with other Federal, State or Local Agencies:

Pictures were taken of the different types of fire equipment used on glades fires. The pictures will be labeled, with specifications listed, and then will be sent to the NPS Ranger school at Grand Canyon. A duplicate set of pictures is being prepared for the Metro Fire Department so they will be completely familiar with the equipment we use.

Ranger McKinney spent a half-day with Mr. Walter Dineen, Fisheries Biologist, Florida State Game and Fresh Water Fish Commission. Mr. Dineen was interested in our alligator banding project and also the argillus parasitic condition which existed at Royal Palm earlier in the summer.

Mr. C. A. Hoffman and Mr. W. J. Kennedy, Department of Anthropology, Florida Atlantic University, were in the district during the month in connection with an archeological base map of the Park. Ranger McKinney gave them a cross section of a mature Caribbean Pine which they expect to use for dating purposes.

USGS Agent Hull was taken into Conservation Area 3 by Tamiami Subdistrict personnel to remove steel pipes from the glades. They were considered airboat hazards.

The U. S. Weather Bureau installed a 200 knot wind speed indicator at the Tamiami Subdistrict.

Public Affairs

Public Relations: Mr. Anthony Wayne Smith, Washington, D. C. was called by Superintendent Joseph, at the request of the Washington Office, and brought up-to-date on water problem and progress being made on a solution to this problem.

The scheduled trip of Mr. Tom Dickey of the Job Corps regarding the proposed Job Corps Center here was cancelled. At the end of the month no new schedule had been established.

On August 18 Mr. Joseph was a member of the panel of the Chamber of Commerce Tourism vs. Industry, along with other local businessmen. This was moderated by Ralph Renick of TV station WTVJ, and was the culmination of a day-trip of the South Dade area.

The Superintendent met with the Mayor of the City of Miami and City Commissioners regarding Islandia.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Plans and specifications with Invitations to Bid for Alterations and Additions to Parachute Key Visitor Center were received from the Eastern Office, Design and Construction

Plans for the Extension to Sanitary Sewerage System proposed by the City of Everglades were submitted to the Eastern Office, Design and Construction to be used in the preparation of plans for the Gulf Coast Development. Officials of the City of Everglades reported no target date for this project had been established because the bond issuing request will depend on Federal financing. These plans are now in Washington for review.

New Construction

The City of Everglades has completed installation of water line to the Park Visitor Center Site and the line has been accepted by the Park.

Invitations to Bid No. 160/4-66-1 dated August 5, for Alterations and Additions to Parachute Key Visitor Center were opened August 26. Three bids were received. Cosmic, Inc., Miami submitted low bid in amount of $51,990. Bob Enhmann, Miami and R. G. Runkin, Perrine submitted bids in amounts of $55,777 and $53,345 respectively.

Program Adjustment WASO No. B66-1, approved August 11, 1965 deferred the three two-bedroom Employee Residences, including Utility Connections and Grounds Improvements at Flamingo to provide funds for an emergency water supply project at Everglades National Park which was approved by the Senate and House of Representatives committes on appropriations.

Conferences and Meetings

Representatives of the Park Staff, Harris Paving and Construction Company, and Irwin Grain Company made an on-site inspection and discussed project under Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground. It was determined that the failure of the seed to germinate in certain areas was due to the compaction of the ground and the lack of aeration in the soil which was evidenced by water standing in low spots, and the growth of algae just beneath the surface of the soil. Action will be taken in an effort to correct this condition and a report submitted on results.

Mr. W. Mikell of the Southeast Regional Office met with the Park Staff and representatives of the Florida Light and Power and Company to discuss the installation of underground cable to the Flamingo Area to provide electrical power.

Carroll A. Burroughs
Acting Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1963

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	211721							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	99	Balance of Day Labor Portion $ 80.41
	Including Trailer Facilities	U-72	11/63	2/1/63	&	Sep 63		
	Loops 2 and 3 Including Toilet	U-73	3236	20,000	DL			Installation of Campground & Trailer
	Fill (43)	U-75	11/63	3/22/63				facilities pending completion of
	Construct Utilities(Water & Sewer)	B-130	3220A	6/22/				contract work in this area.
	Housekeeping Cabins, 3½ Units, 17	B-140	11/63	6/6/63				
	Structures (63)	B-147	3220A	55,680				
		B-139-1	6/63	6/26/63				
		B-138-1	3220A	41,517				
			11/63	6/28/63				
				2,290				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				7/10/64				
				900				
				3/25/64				
				472				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED: ☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Flamingo: Employee Residences (3-4-6-8m) 3, Including Utility Connections and Grounds Improvements	B-136	3[illegible] 1/4/65	Est. 49,600 8/19/64	C	July 65 [illegible]	0	D&C Program Adjustment, [illegible] No. B66-1 approved August 11, 1965 deferred project to provide funds for emergency water supply project. This project will be dropped from report until funds are re-programmed.
1965	Pumpkin Key: Alteration to Visitor Center, Including Audio-visual	B-141	3[illegible] 1/65	Est. 27,700 8/13/64	C	[illegible] [illegible]	0	D&C Invitation to Bid No. 161/4-66-1 dated August 5 for Alterations and Additions, Pumpkin Key Visitor Center were opened August 26. Three bids were received. Cosmic, Inc., [illegible] Bird Road, Miami, Florida submitted the low bid of $51,000.00.

VII

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1963

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	Airport							DAC
	Circulatory Roads and Parking,	3-32	3380	60,000	C	Jan 63	95	Harris Paving and Construction Co., Inc., orig. amt. of Contract No. 14-10-0201-230, $27,990.00.
	Flamingo Campground	3-33	11/63	6/1/63	A	June 63		
1964	Flamingo: Construct Roads, Parking	3-111	3696	20,000	DL			
	Area and Walks for Concessioner	3-106	11/63	3/22/63				Unobligated balance of Day Labor Portion $50.66.
	Housekeeping Cabins (52)	3-113	3680A	750				
	Construct Roads, Parking Area and		11/63	9/4/63				
	Walks for Concessioner Rebel Units		3680A	122,143				Unobligated balance of funds on Program Adjustment 1-64-13 approved 4/21/64: $17,513.82.
	(GA)		11/63	2/4/64				
			Sketch No	32,696				
			3-3a.	3/2/64				
				400				
				4/22/64				
				5,147				
				11/30/64				
				1,700				
				3/3/65				
				4,275				
				5/7/65				

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): August 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	21172 Garden Key: Sodding & Fertilizing (Female Ground)	P-65	1283 1/1333	1,000 1/1333	DL	Jun 65 Sep 65	95	P. Municipal laborer at route: $1,006.59 Completion pending final cleanup of Female Ground.
1965	21170 Repair and Upgrade Fort Walls and Casemates and General Cleanup	P-65-1	1283 1/1333	27,500 7/13/65	DL	July 65 Dec 65	37	P. Regrading around the demolished Officer-Men's barracks completed and other grading is in progress.

Summary of the September 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Hurricane Betsy. Rainfall 9.30 inches.	1
Travel:	Up 10% over last September. Year increase 28% Camping for month down 38%, increased 10% for year.	1
Visitors:	Unusally small number	1
Special Activities:	Superintendents' Conferance, Concessioners books being audited, Loan of personnel to DeSoto for two weeks	2
ADMINISTRATION:	Two men to Grand Canyon Training Center for new session. One returning from previous session. Five personnel actions for permanent employees	2
CONSERVATION, INTERPRETATION, AND USE:	Bids opened for alterations and repairs to Parachute Key Visitor Center.	3
	Betsy's damage to trails considerable Guy Bradley trail plan submitted to Regional Office. New talks for winter season ready. Old talks taped for second evening programs at Flamingo	3
	Fall bird migration has begun. Bird mortality in hurricane apparently light though fish kill appears heavy.	4
	Hurricane plan in use from Green Alert at 8:00 a.m. 9/2 through 2/10/65 Three Court cases; three boat rescues; one vandalism incident 1,800 hatchling green turtles released in Park and at Ft. Jefferson	5
	3 Panthers, One Black Bear and one Crocodile donated	
RESOURCE PLANNING:	Meeting on Culvert - Mangrove Planting Study with Institute of Marine Science.	5
	Gate in Structure 12-D opened 3/10 of foot Agreement to aid Missile site if inundated made	6
	Rangers aided mired equipment of Homestead AFB and Florida Forest Service in attempt to reach downed aircraft. Talked with Bill Baggs, Editor of "The Miami News" re drought and effect on Park. Aerojet-General fired a test of solid fuel rocket engine. Test success. Superintendent attended.	

reply refer to:
323

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

September 1965

General

ther Conditions: September brought Hurricane Betsy which passed through the Park September 8. Her winds were felt in Pine Island and Flamingo although she porarily relieved the drought conditions. Gusty winds preceded the hurricane and ained in the area for several days. The eye passed over Key Largo and Flamingo. imum sustained winds were 140-150 mph before and after the eye, with gusts to) mph. Total rainfall recorded at the Royal Palm Station for September 7 through as 9.30 inches.

lowing is a weather summary for the month:

tion	Max Temp.	Mean Max.	Min Temp.	Mean Min.	Rainfall
al Palm	94°	89°	68°	73°	11.71"
iami	95°	89.4°	72°	74.7°	8.60"
mingo	92°	87.8°	72°	75.5°	8.07"
rglades	92°	89.7°	70°	73.9°	7.74"

rease in travel: Travel was up 10% over September of last year or an increase 28% for the year to date. Heavy infestation of mosquitoes and Hurricane Betsy ributed to a decrease in camper use which was down 38% from September 1964; ever the cumulative total to date shows a 10% increase.

number of visitors using interpretive facilities at Flamingo and Royal Palm pped markedly during the month. It is interesting to note that the Sunday lowing the hurricane 1,117 people were counted entering the Park. Since many er recreation areas were closed to the public, apparently a goodly number of day travelers and boaters chose to visit the Park.

itors: Visitors from all states except Idaho, Kansas, Montana, New Mexico, North ota, South Dakota, Oregon, Utah, Vermont and Wyoming signed the visitor register. Canadian Provinces, one U. S. Territory and the following foreign countries e represented: Japan, Mexico, Wales, Hong Kong, Chile, The Netherlands, Belgium, tria, Denmark, Ireland, Costa Rica, Trinidad, Jamaica, Cuba, Switzerland, Germany zil, Honduras, Spain, Sweden, Bermuda, Italy, England, Columbia, Australia, Latvi tland, France, and Rhodesia.

Henry Kertzler, Baro College, New York, N.Y.
Martin Schwarzback, Geology Institute, University of Cologne, Germany (author of imates of the Past")
and Mrs. August Burghardt, Chairman, Everglades Park Commission, Ft. Lauderdale lorida
Ray Casada, Field Aide, U. S. Weather Bureau, Tallahassee, Florida

Mr. Sam J. Marsh, Bureau of Public Roads, Alexandria, Virginia
Mr. and Mrs. M. Yokayama, Tokyo, Japan
Mr. J. W. Pumpelly, Chief, Map Editing Section USGS, Washington, D. C'
Mr and Mrs. John Durant, New York Time writer, New York, New York
Mr. Shearouse, USGS, Miami, Fla.
Dr. Sudia and Mr. J. G. Johnson, U. S. Public Health Service, Atlanta, Ga.
Dr. and Mrs. H. D. Banta, Training Officer, U. S. Public Health Service, Atlanta, Ga

Special Activities: Superintendent and Mrs. Joseph attended the Superintendents' Conference in Gatlinburg, Tenn. Mr. Joseph was moderator on a panel at the conference and visited Myakka River State Park on the return to Everglades. Mrs. Joseph will host the Park Ladies at their early October meeting and will give a report on the wives participation in the Conference at that meeting.

A request was received for personnel from this Park to fill in for the Superintendent of DeSoto during his absence on annual leave. Plans have been firmed up for Ned L. Haywood (formerly of DeSoto) to arrive at DeSoto on October 15 and remain until October 31.

Auditor Carl Smith arrived at Park Headquarters. He will audit the Everglades Park Co., Inc. books. Mr. A. H. Andrews will join him upon expiration of his annual leave.

A drum of before-and-after slides showing the damage to trails and facilities was forwarded to Mr. Lloyd, at his request. These were an excellent aid in the evaluation of the ravages of the storm Mr. Lisles stated in his memorandum accompanying return of the slides.

Ranger McKinney took Dr. Craighead and Hydraulic Engineer Nix on an airboat trip into lower Taylor Slough in connection with water salinity tests and the Mangrove Dike Project.

Ranger Carlson assisted Shop personnel with removal of the damaged Park plane from the Aerojet canal. The plane's landing gear (nose wheel) had been damaged upon arrival at Fort Jefferson National Monument and the plane had to be brought down on water on the return trip then towed to the airstrip.

Administration

Personnel: Accessions: Betty L. Poff EOD as Clerk-Typist DMT GS-3 effective 09/26
William A. Prescott was given career conditional appointment as Painter, Ungraded, effective 09/26.
Don L. Pumphrey EOD as Supervisory Fire Control Aid GS-456-5, 09/12
Separations: Lee B. Chamberlaine resigned his GS-453-7 Supervisory Park Ranger position effective 09/25.
Reassignment: Richard W. Klukas transferred from the position of Park Ranger, GS-45[illegible] -5, Grand Canyon National Park to Everglades effective 09/26. He is assigned at the same grade in a similar position here.

Supervisory Park Ranger Carl S. Christensen departed for the Training Center at Grand Canyon on September 18. Naturalist Richard L. Cunningham is attending this same training session. Supervisory Ranger Don Castleberry returned from the preceeding session on September 27.

Conservation, Interpretation and Use

Interpretive Facilities: Bids were opened for the alterations and repairs to Parachute Key Visitor Center. Award of contract pending.

Hurricane Betsy has left her scars on Everglades National Park. Damage to man-made developments will soon be cleaned up, repaired and/or rebuilt, but her damage to the natural features will take years to replace, if they ever do come back. The fact that the hurricane itself was a natural feature has helped the staff very little. Betsy has left them with the problem of how to interpret what we have left. The story of hurricanes can only be told so often.

At the end of the month the Parachute Key Visitor Center was out of operation and will remain so until alterations are accomplished. Therefore, the Entrance Station is being used as the initial visitor contact point. Because of the traffic problem little can be done here. The best the staff can do is to hand out brochures; give a quick but pleasant greeting and suggest a visit to Royal Palm where further information is available.

Royal Palm area suffered greatly from the storm. The Gumbo Limbo Trail was not reopened until the last week of the month and is still in rather bad shape. The top of the hammock was removed allowing sunlight to flood in. Anhinga Trail was not damaged.

Only Pinelands and Mangrove Trails are open along the main Park road. Mahogany and Pa-Hay-Okee will remain closed until funds are available for reconstruction. The trails at Bear Lake and the road to Snake Bight are also closed due to extensive damage. Naturalist personnel cleared .8 miles of downed trees and shrubs from Snake Bight road.

Architect Lester Pancoast submitted a drawing reflecting his concept of the Guy Bradley Trail. This drawing was forwarded to the Southeast Regional Office for comments.

Interpretive Services: Due to light visitation several evening programs at Flamingo were cancelled as were the majority of the daily walks and talks at Royal Palm. Evening programs were reduced to Wednesday, Friday and Saturday during the period the District Naturalist was on annual leave.

Sightseeing boat trips to Whitewater Bay and the sunset cruise are operating on schedule. The Cape Sable trip has been cancelled until about November 1 as the dock at East Cape was destroyed in the hurricane.

All talks to be presented this winter season at Flamingo have been brought up to date. New talks will be offfered on birds, Park water problem, and Florida Bay. The present talks are being taped for use as a second evening program this winter.

Research and Observations: Apparently there was very little bird mortality due to the hurricane.

The fall migration is well underway. Large flocks of warblers have been observed in Royal Palm and Flamingo areas. Vireos and Gnatcatchers are foraging in the mangroves. Clark Sparrows, Pigeon Hawks, and shorebirds of all kinds have been coming through in numbers.

In three of the 12 alligator holes located for USGS study purposes, nests and newly hatched young were found. This, in spite of dry Park glade conditions in recent years indicates lack of aquatic food for the Park's population of 'gators does not deter propagation.

Many varieties of fish were affected by Hurricane Betsy with a heavy fish kill along the Gulf and Florida Bay tributaries. According to the Marine Laboratory and the USGS personnel, this was caused by a lack of oxygen in the water due to a heavy concentration of Hydrogen Sulphide stirred up by the storm. Large numbers of dead fish were observed coming out of the Barron and Turner Rivers. Other rivers in the Gulf Coast area did not have dead fish and it could not be determined why.

The first teal of the season was observed on September 13. Alligators were observed as far south as the Flamingo boat basin.

Protection: Superintendent Joseph met with Mayor Cecil Drake of Everglades, Fla. regarding the new special regulations for the Park, the Boat Tour Prospectus for sightseeing trips originating there, and other items of mutual interest at Everglades.

On September 2 at 8:00 a.m. the Park went on Green hurricane alert to begin preparations for Hurricane Betsy. Yellow alert began September 6 and a barricade was erected at the Royal Palm Junction to restrict traffic to Flamingo. Red alert began the night of September 7. Peak winds passed through the Pine Island area between 5 and 8 a.m. on September 8. The Park was closed to all travel on September 8. It was reopened to traffic on official business only on September 9 and 10. Traffic control was moved to the Entrance Station on the 11 and 12th.

Rangers replaced airboat trail markers that were blown away by Hurricane Betsy.

Operation Protection continued during the month with very little suspicious activity noted.

Channel markers in Florida Bay were checked and some remarking was done. Buoy Key channel is completely blocked for about a mile due to the hurricane and a new route will have to be plowed out.

Ranger Holden assisted the Naturalists in releasing 800 green turtle during the month.

Three boat rescues were made during the month; one in cooperation with USGS personnel; one search revealed the party was towed in by another boat, and one rescue of an Everglades Park Co. employee involving a 20-hour rescue operation.

Three court cases were heard by the U. S. Commissioner; one for speeding, one for drunk and disorderly conduct and one involved Odolph Stokes who was cited for running without light and other violations. He pleased guilty and was given suspended entry of sentence. He will lose his Park fishing permit if convicted again.

A special incident report was filed by Ranger McKinney. This involved vandalism at Royal Palm. The vandals had smeared lipstick on the guard rail of the Anhinga Trail and some visitors complained when their clothes became soiled. The vandals were apprehended, offered to pay dry cleaning costs and scrubbed

Forest Fire Protection: Numerous trees were blown down across old Highway 41 during the hurricane. To establish power along the line most of the downed limbs and pine needles were deposited on the Park side of the road. An .8-mile stretch of the road west of Structure 12D and a portion .2-miles east of this structure are still impassable. This condition will cause a high fire hazard in the spring.

Wildlife and Fish Cultural Activities: Dr. Archie Carr of the Carribean Conservation Corporation arranged for 1,800 Green Turtles to be flown here again this year. After arrival on September 27 they were promptly taken to Flamingo, and 800 were sent over the side at Bradley Key and 600 at Cape Sable. Next day 400 were flown to Fort Jefferson and released in the Dry Tortugas.

The Park accepted a donation of three 9-month old female panthers, one 2½-year old male Black Bear and one 10-foot male crocodile from Bill and Lester Piper of Bonita Springs. The animals, all in excellent condition, were released inside the Park.

Maintenance: The Shark Valley Loop Road, Otter Cave and Trail Site, and the Observation Tower area required considerable clean-up after "Betsy" before the area could be open to the public.

Both the NPS maintenance crew and the Everglades Park Co., Inc. employees did an excellent job of getting facilities back in service after the storm. Power was on in 24 hours and essential services were available to the public on a limited basis within 48 hours after the water receded.

Concessioners: Superintendent Joseph and staff members met with Mr. Robert B. Knight, President of Everglades Park Co., Inc., and Inter-County Telephone and Telegraph Co. representatives regarding improvement of radio-telephone service to Flamingo by the use of a higher tower and a relay station. Approval for a higher radio tower was granted, and a site for this tower selected.

A press release was mailed to approximately 40 outlets including newspaper, radio and TV stations, covering the boat tour prospectus for Everglades, Fla.

Resource Planning

Water Resources: On October 23 Messrs. Joseph, Burroughs and Nix and Drs. Craighead and Robertson met with Drs. Idyll and Iverson and Mr. Tabb at the University of Miami Institute of Marine Science laboratory to discuss the culvert and mangrove planting study project as potential management measures to retard the flow of fresh water from the Park during the continuing drought.

Superintendent Joseph and Hydraulic Engineer Nix attended a meeting of the Miami-Dade County Chamber of Commerce Water Resource Control Council in Miami, Florida on September 22.

A gate at Structure 12-D was opened three tenths of a foot during September by the Flood Control District. This permits an inflow of organisms and aquatic life, as well as water, along the Shark Valley Loop Road.

Cooperation with Other Federal, State or Local Agencies: A cooperative agreement was drawn between Everglades National Park and the 13th Artillery Group,

Homestead AFB, whereby the Park agreed to make an airboat and operator availabl to them in emergency situations (i.e. high water inundating one or more of their field batteries during the storm).

Rangers assisted the Florida Forest Service and Homestead AFB personnel when their field equipment became mired during an attempt to reach a downed Jet Starfighter aircraft. The Rangers were successful in pulling out an Air Force D-8 tractor and a Dodge Power Wagon and bombadier belonging to the Florida Forest Service.

Cooperating Non-Government Agencies: Closing of the Visitor Center has effecte the Everglades Natural History Association. There was a drop in sales for this month at a time when they can ill afford it.

Public Affairs

Public Relations: Editor Bill Baggs of The Miami News called Superintendent Joseph on the water situation at Everglades National Park. He was sent a copy of Director Hartzog's speech of February 2 at the Governor's Conference on Water Resources and talked with Dr. William B. Robertson, Park Biologist and Mr. Ernst T. Christensen, Chief Naturalist on the effect of the drought on plants and animals in the Park.

The Aerojet-General Corporation fired their solid fuel propellent in a 2-minute sustained blast at 11:00 a.m. on September 25. Rangers Benham and McKinney and FCA Pumphrey took the weasel unit into the area where it remained on standy along with Aerojet and Metro units in case of emergency. Firing was a huge success with no incidents. Superintendent Joseph attended this demonstration.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Preliminary Drawing No. 3309 dated September 1965, for Employee Apartments (two 2-bedroom and two efficiencies), Flamingo have been received from the Eastern Office, Design and Construction.

Preliminary Drawing No. 3308 dated August 1965, for Roads, Parking, Utility Court, Employee Apartments and Portion Ground Improvements, Gulf Coast have been received from the Eastern Office, Design and Construction.

The Park Engineer and representatives of the Inter-County Telephone Company made a survey of the Flamingo Area September 22, and selected a site for the installation of the 300-foot radio-telephone tower.

New Construction

General Cleanup portion of Project Construction Proposal M-27-1, Fort Jefferson National Monument, has been completed. Repair and Repoint Fort Walls and Casemates of this project is pending completion of the plans for this work.

The Flamingo Campground Area under Contract No. 14-10-0111-230 to the Harris Paving and Construction Company for Grading, Placing Topsoil, Seeding and Fertilizing was inundated by salt water from high tides caused by Hurricane Betsy.

Conferences and Meetings

The Park Engineer met with Mr. Sam J. Marsh, representative of the Bureau of Public Roads, Region 15, Arlington, Virginia to make an on-site inspection of the Main Park Road and the 7-Mile Shark Valley Road to determine the extent of damage to roads caused by Hurricane Betsy.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED
☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): September 1965

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1965	Terwilegar Key: Alteration to Visitor Center, Including Audio-Visual	E-141	32150 1/65	Est. $7,700 8/10/64	C	Oct 65 / Jan 66	0	Award of contract to low bidder is pending approval from the Regional Office, Southeast Region.
1966	Park General: Emergency Water Supply			Est. $40,250 9/13/65	C	Jan 66 / Jun 67	0	DEC, NPS NPS has completed field survey and report is being prepared. Program Adjustment 1600 No. 1966-1A approved 9/7/65. Adjusted Program - $40,250. These funds are for the construction portion of project. $7,700 held by NPS for P&D and contingencies pending further progress on the project.

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1963

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	211/31							D&C
	Flamingo Campground Development	U-71	3220A	107,961	C	Jan 63	99	Balance of Day Labor Portion $603.3
	Including Trailer Facilities	U-72	11/63	2/1/63	&	Sept 66		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of Campground & Trailer
	Fill (63)	U-79	11/63	3/22/63				facilities pending completion of
	Construct Utilities (Water&Sewer)	B-13)	3228A	6,229				contract work in this area.
	Housekeeping Cabins, 36 units,	B-140	11/63	6/6/63				
	12 Structures (63)	B-147	3229A	55,608				
		B-125-1	6/63	6/26/63				
		B-159-1	3223A	41,517				
			11/63	6/20/63				
				2,250				
				8/4/63				
				2,203				
				1/13/64				
				1,500				
				1/21/64				
				120,204				
				2/10/64				
				360				
				2/25/64				
				475				
				3/21/64				

MONTHLY PROGRESS REPORT

Area Everglades National Park

CHECK BELOW THE PROJECT USED

☐ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year) September 1965

F.Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	229131							DAC
	Circulatory Roads and Parking,	8-91	32004	61,000	C	Jun 65	95	Harris Paving and Construction Co.,
	Flamingo Campground	3-93	11/63	0/1/65	&	Jun 66		Inc., orig. cnt. of Contract No.
and	Flamingo: Construct Roads, Parking	3-102	32[illegible]	32,000	DL			14-10-9111-431, $17,330.00.
	Area and Walks for Concessioner	3-106	11/63	3/22/65				
	Housekeeping Cabins (21)	3-113	[illegible]	330				Unobligated balance of Day Labor
1964	Construct Roads, Parking Area and		12/63	3/8/65				Portion $330.33.
	Walks for Concessioner Hotel Units		32[illegible]	112,145				
	(54)		12/63	4/8/65				Unobligated balance of funds on
			Amend No.	32,036				Program Adjustment 5-65-1) approved
			No Co.	5/21/65				4/21/65. $17,331.33.
				600				
				6/22/65				
				4,147				
				11/30/65				
				1,730				
				8/3/65				
				2,285				
				9/7/65				

41120

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): September 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY. (D & C). (R). OR (A) 9
1965	211[illegible] Garden Key: Seeding & Fertilizing (Parade Ground)	N-26	[illegible]	3,000 6/4/65	DL	Jun 65 Jun 65	97	F. Unobligated balance of funds: $2,356.00. Cleanup at Parade Ground completed and work on this project removed.
1965	211[illegible] Repair and Improve Fort Walls and Casemates, and General Cleanup	N-27-1	[illegible]	27,000 7/13/64	DL	July 65 July 65	97	F. General Cleanup portion of this project completed. Work on walls is pending completion of plans. Unobligated balance of funds: $3,233.77

41170

Files

Summary of the October 1965 Monthly Narrative Report for EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Rain and Warm	1
Travel:	Decrease of Campers	1
Visitors:	Notable foreign visitors	1
Special Activities:	Many & Varied	2
ADMINISTRATION:	Several Promotions and Transfers	3
CONSERVATION, INTERPRETATION & USE:	Considerable renovation following Hurricane Betsy	3 & 4
	Operation "Protection"	5 & 6
RESOURCE PLANNING:	Meetings held in connection with "Water Resources"	7
PUBLIC AFFAIRS:	Varied Activities	8
DESIGN & CONSTRUCTION:	Plans for employee housing. Survey of Hurricane Damage	9

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

October 1965

General

Weather Conditions: October brought drenching rains to this parched area. Cool pleasant days were noted the latter part of the month. Surface water tables rose to permit airboating in places inaccessible in previous months. To the delight of visitors, many wading birds were seen along the main Park road. Rainfall at Pine Island totaled 12.75" as compared to 6.05" last October. The 10-year average for October is 6.11". On October 14, 5.23" of rain fell in a 24-hour period - the heaviest in any single day. The greatest amount for a single day in October of last year was 3.34". Despite the heavy rainfall, the water table was at a lower level than a year ago. Comparative Taylor Slough readings are as follows:

Oct. 31, 1965 4.09'
Oct. 31, 1964 4.24'

The following is a weather summary for the month:

Station	Max Temp	Mean Max	Min Temp	Mean Min	Rainfall
Royal Palm	92°	86.6°	58°	68.3°	12.75"
Tamiami	92°	87.0°	62°	70.0°	5.52"
Key Largo	88°	84.5°	61°	72.4°	8.35"
Flamingo	89°	84.7°	61°	71°	10.93"
Everglades		85.6°	58°	68.7°	5.62"

Increase or decrease in travel: During October, 46,149 people entered the Park as compared to 43,698 for October 1964. Several Park trails and the Hq Visitor Center which were damaged in September by Hurricane Betsy remained closed, however, the cumulative total to date shows a 5.5% increase in visitor use over a like period last year. A total of 477 campers used the campsites during the month as compared to 1,678 last October, or a decrease of 252%. This decrease was probably due to the heavy mosquito infestation and the closing of trails and Visitor Center.

Visitors: Visitors from every state except Idaho, Nevada and North Dakota signed the visitor register at Royal Palm during October. Six Canadian provinces, one U. S. Territory and the following foreign countries were represented: France, Belgium, Japan, Argentina, Germany, Austria, Nigeria, Dominican Republic, Equador, Australia, Pakistan, Denmark, Holland, England, Switzerland, Chile, India, Spain, Philippines, Kenya, Italy, Nicaragua, New Zealand, and Ireland.

Mr. J. W. Pumpelly, USGS, Ch Map Editing Section, Washington, D.C.
Mr. George J. Franks, Q Corp., Lighthouse Pt., Fla.
Mr. W. H. Skillings, QP Corp., Deerfield Beach, Fla.
Mr. Elmer W. Smith, USBSA, Hollywood, Fla.
Mr. W. Mikell, Chief of Maintenance, SERO, Richmond, Va.
Mr. I. Lloyd, Programs Coordinator, SERO, Richmond, Va.
Mr. Logan L. Ratliff, U.S. Bureau Public Roads, Arlington, Va.
Mr. C. Gloe, Geologist, Exploration & Geological Div., Coal Production Branch, Victoria, Australia
Mr. J. C. Mazarehis, Athens, Greece
Mr. Dick Thompson, Manager, Loxahatchee Refuge
Dr. Anthony Stalk, Author of scientific & popular books on wildlife, Holland
Mr. John Hadd, Bureau of the Budget, WASO
Mr. A. C. Ratliff, District Comm. Engineer, Florida Forest Service, Ft. Myers, Fl.
Mr. Jim McLaughlin and Jim Parker, Tremont Job Corps
Miss Pat Caulfield, Modern Photography Magazine, N. Y.
Mr. Elbert Cox, Regional Director, SERO, and party, Richmond, Va.
Mr. Gosta Vogel-Rodin, Managing Director, Tourist Traffic Assn. of the Province raster gatland, Tallhatten, Sweden
Mr. Hugh Courtney Lane, Asst. Editor The Evening Post, Wellington, New Zealand

Special Activities: Chief Ranger Kerr went to the Univ. of Miami on Oct 6 to discuss career employment in the National Park Service for students. October 6 Superintendent Joseph presented Mr. Frank Nix with his 20 year Service Pin.

A farewell coffee was hosted by the Ranger Division for Bob and Julie Benton before their transfer to Fire Island National Seashore.

Miscellaneous: Park personnel witnessed the firing of the 260" solid fuel rocket engine at Aerojet General Corp. The firing was a complete success.

Three Park Rangers received excellent training when their emergency run to the hospital was halted by the unexpected arrival of Baby Timothy Klukas. Rangers Markette, Benton and Klukas assisted in the delivery of a baby boy to Mrs. Klukas just a few miles past the Park entrance. After arrival of mother and baby at the hospital, they were reported doing very well. Richard W. Klukas signed his son's birth certificate.

Administration

Management Analysis: A conference was held with Superintendent Joseph, Asst. Superintendent Burroughs, Adm. Officer Heaton and Civil Engineer Alexander on personnel selection.

Personnel: Ruben Naseth, FCA GS-456-4, was returned to duty from furlough effective 10-01-65.

Bruce B. Paige was converted to Career Tenure as Park Naturalist, GS-452-7 effective 10-01-65.

Gloria Truesch was given a promotion to Secretary (DMT), GS-318-5, effective 10-10-65.

Gale K. Zimmer, Park Naturalist, GS-452-7, was converted to Career Tenure effective 10-21-65.

Robert E. Benton transferred and promoted to Supv Pk Ranger GS-453-9 Fire Island National Seashore effective 10-23-65.

Dennis Kuenzel was transferred to Vicksburg NMP effective 10-23-65.

Safety and Health: Capt John Scudder, charter boat captain at Flamingo, was bitten by a rat. The rat was taken to the Dade County Health Dept. for rabies tests which proved negative.

Conservation, Interpretation and Use

Interpretive Facilities: Chief Park Naturalist Christensen and staff worked on the preparation of the Everglades Natural Sciences Research Plan as well as the Shark Valley Loop Road Area Interpretive Prospectus. Work was also started by Assistant Chief Naturalist Haugen on the Interpretive Prospectus for Fort Jefferson National Monument.

Much has been done this month to renovate interpretive devices damaged or antiquated by Hurricane Betsy: The Liguus exhibit was refreshed and replaced at Royal Palm; work was begun on rewriting trail labels which were antiquated; "lift" exhibits were removed from Anhinga and Mangrove Trails and along the Shark Valley Loop Road for refurbishing; and, panel exhibits in need of redoing were removed from the museum at Flamingo, West Lake exhibit room, and Pa-hay-okee and sent to the Museum Laboratory, WASO.

Work was started on new signs for the Mangroveland Self-guiding auto tour. The design will be similar to that used along the Shark Valley Loop Road. The two interpreters assigned to Flamingo have undertaken the task of routing, painting, and constructing 22 two-sided interpretive signs along five miles of the main Park road from the bridge to the Snake Bight Road.

A fresh set of slides was placed in the rookery exhibit in the museum at Flamingo and preventive maintenance was performed at that time.

Interpretive Services: Much rain and many mosquitos was the story for October. The decrease in camper use was reflected in the generally poor attendance at programs during the month.

With the closing of the visitor center, first because of damage by the hurricane, and now for remodeling, initial contact with the visitor is at the entrance station. As indicated in last month's report, it is virtually impossible to properly discuss the various aspects of "what to do and see" while in the Park and still keep traffic moving at a reasonable pace. To overcome this, Park Guide Maude Harriott has compiled and is now preparing mimeographed sheets to give the visitor which will indicate "what to see where" and will incorporate the winter schedule of naturalist programs.

One copy of "Highlights of the Everglades" is missing. Inquiries have been sent out, but to no avail. Any information about this missing film will be appreciated.

Research and Observations: A concerted effort is being made to record field observations. Forms for this have been given out in great number; consequently, many observation reports have been received from field personnel this month - most significant enough to be further recorded and placed in the permanent observation record file.

The windows at Park Headquarters have proven to be an excellent collecting and observation spot. At the present time, carefully being watched and photographed by Park Naturalist Zimmer, are varieties of spiders and spider egg sacs. One sac was dissected under the microscope and yielded many minute and lively young who immediately spun silk and lowered themselves from the scope to the table.

The lowest water level at Taylor Slough for the month was recorded on October 1 - 2.70"; the highest on October 23 - 4.14".

On October 17, a medium-sized alligator was found wandering in the Royal Palm parking lot. The front 3 inches of its lower jaw was hanging by a flap of skin. This was apparently caused by an argument with a fellow reptile. He was moved from the area.

The power line along the Anhinga Trail may be reducing the bird life. Two dead Florida Gallinules were found dead below the wires. A coot with a broken leg was found beneath the boardwalk spur.

A Cape May Warbler, earliest fall record, was seen at Flamingo Marina on October 16.

On October 26, Coots were observed at Snake Bight - 5,600 strong!

A panther, seemingly about nine months old, was seen at West Lake. It is possible this animal was one of those released last month.

Ospreys and eagles are busy rebuilding nests destroyed by Hurricane Betsy. Spoonbills were observed on Bottle Key which is a known nesting site. Small groups of Roseate Spoonbills were seen at Cowpens Cut and Grouper Creek but no nesting activity was observed.

There were five sightings of a black bear in Mahogany Hammock during October. The bear was reported in good condition. It is thought this is the animal donated by Everglades Wonder Gardens, Bonita Springs, in September.

Alligators were sighted as far down as the marina at Flamingo and throughout the Gulf Coast District.

Ranger Winte and Collaborator Archie Jones made several field trips during which considerable planning, mapping and distribution of Liguus Tree Snails in selected hardwood tree hammocks was accomplished.

Seven Indian Mound sites in the Park were located, mapped, named, photographed, and a small amount of the culture of the mound builders was removed from each mound.

While on night patrol, Ranger McKinney sighted a puma west of the Pinelands Trail. It is believed the animal was one of those released on Sept. 29, donated to the Park by Everglades Wonder Gardens, Bonita Springs, Florida.

Curatorial Activities: Herpetological and icthyological specimens received during the past year were cataloged.

Seasonal Naturalist John Ogden, who is assisting the Park Biologist, has prepared seven bird specimens for the study collection.

Approximately 70 new slides were added to the Park's slide collection.

Many insects heretofore not found in the study collection were pinned and added to the collection.

Protection: Operation "Protection" (alligator poacher patrols) was discontinued at the close of business on October 9. The Seasonal Rangers who were hired for this project were terminated as of that date with the exception of Seasonal Ranger Ben Coen who was assigned to the Tamiami Subdistrict. The mere fact that rangers were engaged in this program undoubtedly saved some of our alligators from the hunters guns. While no poachers were apprehended during this project, a great deal of knowledge on the back country of the Park and its wildlife was obtained. Chief Ranger Kerr directed the rangers to continue their efforts in back country patrol.

Airboat patrols were made and boundary markers reset in the Madeira Ditches-Big-Thick area of lower Taylor Slough. The south boundary from Taylor Slough. The south boundary from Taylor Slough east to Route 1 was also checked. 14 new trail markers were set on the headwaters trail between the Shark and Broad Rivers.

The newly acquired lands in the Hole-in-the-Donut were posted with "No Hunting" signs and cloth boundary signs.

During road patrols, Rangers issued verbal warnings for minor infractions of both Park and Game Commission regulations. Unscheduled early morning and evening patrols were made along the Park road boundaries. Eleven daylight airboat patrols were made during which airboaters were contacted and a close check kept for possible violations or signs of same.

Due to shortage of personnel in the Mangrove District, boat patrols were at a minimum. Three poached alligators were observed by personnel from the Miami Marine Laboratory in the North River.

Channel markers and speed signs destroyed by the hurricane were replaced in most channels and bays of the Park.

Three boat rescues were successfully completed during the month.

One court case was heard before the U. S. Commissioner. The defendants were found guilty of possessing undersized snook.

Stone Crab season opened on October 15 and 31 stone crab trap permits were issued. Special patrols were maintained in the Fla. Bay area along the East boundary to assure compliance with the new regulations.

Boat inspections were made and 33 commercial fishing permits were issued.

Tamiami Sub-district personnel assisted State Game Commission personnel in netting fish from the canal. The fish are "shocked", netted, and transferred alive to the Observation Tower moat for release. The catch was small because present high glade water table had scattered fish to the glades. The fish were released to furnish natural food for the concentration of alligators during low water periods.

The first phase of dove season opened in areas adjacent to the Park on October 2. While a great number of hunters were in the field on that date, few of them entered the Hole-in-the-Donut area within the Park.

An airboat patrol was made by Rangers Benham and McKinney to the lower mangrove area in search of Collaborator Dr. Frank Craighead's mangrove dike site. The site was not located.

Patrol mileage is as follows: Vehicle - 13,873; Weasel - 26; Airboat - 618; Boat - 3,696; TOTAL - 18,213

Fire Protection: Chief Ranger Kerr inspected all the units of fire equipment at the Fire Cache. All 14 units were "go" for this inspection. Prior to this time, many units were causing trouble due to damp weather and non-use.

During National Fire Prevention Week, district personnel engaged in a number of activities which included programs for the children at the First Methodist and First Baptist Churches, a program for park wives and participation in a Perrine to Florida City Fire Prevention Week Parade.

The new Greer 300 gallon pumper unit was put in service on October 12 (photo attached).

On October 25, Chief Ranger Kerr and Ranger Carlson met with Captain Crump at the Missile Site to discuss mutual fire and protection problems.

Sanitation: Dr. Leslie Beadle of the U. S. Public Health Service arrived on the 25th and remained until November 1 in connection with his work on mosquitoes.

Maintenance: Additional laborers joined the National Park Service Maintenance crew to speed up the clean-up operations necessitated by Hurricane Betsy. The Snake Bight road was cleared and is now open and work continues on clearing the Bear Lake Road.

Considerable time was spent in the Florida Bay sub-district in replanting trees and shrubs, clearing up debris and cleaning and remarking the channel in Florida Bay.

The prime contractor on the rehabilitation of the Headquarters Visitor Center, COSMIC, Inc., Miami, Florida began work on October 27.

New roofs were installed on the three quarters in the Gulf Coast District.

Concessioners: Mr. R. S. Leding of the Regional Office spent several days in the area, including a trip to Key West on the proposed Fort Jefferson and other concession matters.

Several additional requests for prospectus invitations for The Everglades Boat Tour Concession were received during the month and forms were sent out. Only two proposals have been received to date.

A proposal of the Everglades Park Co, for the use of a tram train or tundra buggy as a new sightseeing vehicle trip in the Flamingo area was discussed with members of the Everglades Park Co., and forwarded to the Regional Office for comment. No decision has yet been reached on the inauguration of this new service.

Complaints: Numerous complaints, verbal and written, were received regarding the new fishing regulations. The two main complaints from commercial fisherman were the limiting of stone crab traps to 200 (400 were allowed last year) and their exclusion from certain parts of Florida Bay. The Superintendent answered these complaints by allowing 400 traps per man to alleviate any hardship to the fishermen. This and other temporary measures will remain in effect until we can study the situation and determine the best course of action to take.

Resource Planning

Water Resources: Mr. J. Hadd, Bureau of the Budget, spent two days in the Park. He remained overnight at Flamingo, was given a briefing on the water situation by Superintendent Joseph, Hydraulic Engineer Nix and Assistant Superintendent Burroughs, after which Mr. Nix accompanied him on a flight over the Park in the airplane, at which time they also viewed the waters held in the Conservation areas. Mr. Hadd took more than a casual interest in the water problem and seemed to enjoy his brief stay here.

The Florida Work Group met at Park Headquarters on October 14.

On October 15 Assistant Superintendent Burroughs and Park Biologist Wm. B. Robertson, Jr. attended a seminar on the proposed Islandia causeway and the effect it would have on the ecology of Biscayne Bay.

Assistant Superintendent Burroughs and Hydraulic Engineer Nix spent October 18 at the office of the District Engineer, Corps of Engineers Office, Jacksonville, Florida discussing the Survey-Review Report being prepared on the Park water problem, and other project works to be constructed which may affect the Park.

Following this conference, Mr. Nix left immediately for Washington where he aided in the preparation of an up-to-date summary of the Park water situation at the request of Assistant Secretary Cain to be presented to Secretary Udall.

Hydraulic Engineer F. A. Nix attended a board meeting of the Central and Southern Florida Flood Control District held at Coral Gables on October 8.

Resource Planning

Cooperation with other Federal, State or Local Agencies: The "Conductron" research team completed the final phase of their classified "jungle" operations involving early morning DC-3 flights over Palm Vista Hammock #2 on Oct. 9.

The Singer C orp. (infra-red imagery research team) completed the 6th phase of their operations at Palm Vista Hammock #2 on October 14. They expect to return for the 7th and final phase in December.

A meeting was held at Park Headquarters on October 26 with representatives of the Florida Forest Service and the Motorola Radio Corp. Ranger personnel attending were: Chief Ranger Kerr, Asst. Chief Ranger Maxwell, District Ranger Benham and Ranger Carlson. Meeting was held to discuss the feasibility of an inter-agency radio hook-up to be used in emergency fire situations. Both the Park and Florida Forest Service personnel were in favor of such a system. If funds are available the necessary installations will be made.

Tamiami Sub-district personnel assisted State Troopers in two accidents. One accident occurred on the Old Loop Road where two occupants of a car went into a canal. The other, a car-motorcycle, accident occurred two miles west of the Ranger Station. Two riders of the motorcycle were thrown into the trail canal after the impact.

Florida Bay Sub-District Ranger Castleberry spent considerable time contacting various Federal, State and local agencies and commercial fishermen to explain the new fishing regulations.

State, County or Municipal Legislation: The city of Everglades Committee on Fishing in Everglades National Park (Economic Advisory Committee) has sent in a recommendation that the Park not enforce any laws except State laws on the Northwest Extension.

Cooperating Non-Governmental Agencies: The annual Board of Directors of the Everglades Natural History Association was held the night of Oct. 21.

While visiting Miami, Mr. Elbert Cox, Southeast Regional Director inspected the proposed Florida Coral Reefs - Islandia area in company with Superintendent Joseph, Porter Homer, Assistant City Managerand R. Hardy Matheson, Metropolitan Dade County Commissioner.

Superintendent Joseph met with members of the City of Miami Council regarding plans for State Parks for the Dade County area and Florida Coral Reefs - Islandia

Superintendent Joseph and Park Naturalist Ernst T. Christensen spent two days at Fort Myers where they participated in Conservation Week activities. Superintendent Joseph & Park Naturalist Christensen were members of a panel, explaining the Park's water shortage and situation among other items of Park management. John D. Pennekamp, Associate Editor of the Miami Herald accompanied Messrs. Joseph & Christensen.

Public Relations: Mr. Joseph spoke on the Park and the water situation to the North Miami Republican Club on October 31.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Preliminary plans numbered 8077 for the Everglades Park Company employee housing were forwarded to the Southeast Regional Office and the Eastern Office, Design and Construction. These plans were recommended for approval.

Mr. Logan L. Ratliff, Bridge Engineer from the Bureau of Public Roads, Region 15, Arlington, Virginia made a survey of the Flamingo Concrete Bridge October 21, with Park Engineer William M. Alexander for the purpose of estimating the cost to repair the bridge.

Mr. W. Mikell and Mr. Irvin Lloyd of the Southeast Regional Office made a survey of the Park during the week of October 17, to estimate cost of damage caused by Hurricane Betsy.

New Construction

Cosmic, Inc., 6781 Bird Road, Miami, Florida, the low bidder, was awarded Contract No. 14-10-0131-1536 dated October 6, 1965 in amount of $51,990.00 for Alterations and Additions, Parachute Key Visitor Center. Change Order No. 1 dated October 7, revised plans for the stage and windows at a total reduction of $3,200.00 to the original contract price. A Pre-Construction Meeting on the contract was held October 13, with representatives of the Park Staff, contractor, and subcontractors. A Notice to Proceed with the work under this contract was issued October 19.

Conference and Meetings

Representatives of the Harris Paving and Construction Company, subcontractor, and the Park Staff held a meeting October 6, to arrive at an understanding on the status of Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Areas. It was mutually agreed for the contract to remain under Stop Order dated July 8, 1965, until further action could be taken in an effort to obtain an acceptable stand of grass.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED

☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CONTRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	211701							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	99	Balance of Day Labor Portion $603.30
	Including Trailer Facilities	U-72	11/63	2/1/63	&	Sept 66		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			Installation of Campground & Trailer
	Fill (63)	U-79	11/63	3/22/63				Facilities pending completion of
	Construct Utilities (Water and	B-139	3220A	6,229				contract work in this area.
	Sewer) Housekeeping Cabins, 36	B-140	11/63	6/6/63				
	Units, 12 Structures (63)	B-147	3224A	55,668				
		M-129-1	6/63	6/26/63				
		M-139-1	3223A	41,517				
			11/63	6/28/63				
				2,250				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				980				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1965

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1963	225101							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Harris Paving and Construction Co.
	Flamingo Campground	R-93	11/63	8/1/63	&	Aug 66		Inc., orig. amt. of Contract No.
1964	Flamingo: Construct Roads, Parking	R-102	3236 Re	20,000	DL			14-10-0111-230, $17,550.00.
	Area and Walks for Concessioner	R-106	11/63	3/22/63				
	Housekeeping Cabins (61)	R-113	3220A	750				Unobligated balance of Day Labor
1964	Construct Roads, Parking Area and		11/63	9/4/63				Portion $298.83.
	Walks for Concessioner Motel Units		3223A	112,145				
			11/63	2/4/64				Unobligated balance of funds on
			Sketch Re	32,896				Program Adjustment R-64-13 approved
			Un-No.	3/2/64				4/21/64: $17,378.82.
				400				
				4/22/64				
				4,147				
				11/30/64				
				1,700				
				3/3/65				
				4,275				
				5/7/65				

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): October 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	211702 Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/4/63	DL	Feb 63 Jan 66	46	P. Unobligated balance of funds: $1,272.59
1965	211704 Repair and Repoint Fort Walls and Casemates, and General Cleanup	M-27-1	2003 1/1939	27,400 7/13/64	DL	July 64 July 66	39	P. Work on walls is pending completion of plans. Unobligated balance of funds: $10,226.50.

Summary of the November 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Scattered rainfall	1
Travel:	6% increase for month 20% " for year Concessioner use down 27% for month; up 17% for year. Camper use decreased 47% for Nov.; up 8% for year.	1
Visitors:	Asst. Supt. Cain in area Many foreign visitors in Park Numerous guests for Supt.	1 & 2
Special Activities:	Annual Adm. Training & Fire School Activities numerous and varied.	2
Miscellaneous:	Asst. Supt. on Annual Leave	3
DMINISTRATION:	One promotion	3
ONSERVATION, NTERPRETATION & USE:	Draft of Everglades Natural Sciences Research Plan submitted. Final draft of Interpretive Prospectus for Shark Valley Loop Road completed	3
	Work on Ft. Jefferson Interpretive Prospectus in progress.	
	Many observations of interest	4
	Liguus and other land snail collection added to Park study collection	5
	New regulations discussed with commercial fishermen Two minor accidents One court case Deer hunting season opened Extra patrols made	5
	Two inspections of concessioner housekeeping made. Concessioner employee housing plans progressing.	6
ESOURCE PLANNING:	FCD released water to Park Public relations meetings numerous Asst. Secretary Cain inspected proposed Park area	7
UBLIC AFFAIRS:	General publicity and public relations less than usual for month	8

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

November 1965

General

Weather Conditions: November weather was generally fair with warm, sunny days and cool evenings. Rainfall was scattered, ranging from 3.52 inches at Royal Palm to .35 inches at Flamingo. Cumulative figures for 1964 show 49.70 inches of rain fell at the Royal Palm gauge compared with 69.84 inches for 1964. The water table throughout the Park continued to drop at a rapid rate. The Taylor Slough gauge read 3.20' at the end of November compared with 4.09' on October 31, 1965. 3.44' was recorded on November 30, 1964.

The following is a weather summary for the month:

Station	Max. Temp.	Mean Max.	Min. Temp.	Mean Min.	Rainfall
Royal Palm	87°	82.7°	54°	62.7	3.52"
Tamiami	86°	81.7°	71°	66.6	2.38"
Flamingo	84°	81.4°	58°	65.4	.35"
Key Largo	83°	80.2°	61°	69.7	1.71"
Everglades	88°	82.3°	55°	63.3	.69"

Increase in travel: Visitation increased by 3,527 persons or 6% over November 1964. The year to date figure now stands at 882,729 persons, an increase of 20%. Concessioner activities showed a decrease of 28% from November 1964. However, a 17% increase was noted for year to date. Camping also showed a decrease of 47% compared to November 1964, but an increase of 8% for year to date.

Visitors: Visitors from all of the 50 States, except Alaska, Nevada, South Dakota, Vermont and Wyoming entered the Park during November, as well as representatives from six Canadian provinces and the following foreign countries: Germany, Brazil, Australia, Belgium, Holland, Scotland, Japan, England, Guatemala, South Africa, Spain, Austria, Colombia, Argentina, Sweden, Bermuda, Korea, New Zealand, Curacao, Peru, Lebanon, Denmark, and Uraguay.

Mr. & Mrs. John S. Gottshalk, Director, Bureau of Fish & Wildlife Service
Mr. Art Marshall, Field Director, Bureau of Fish & Wildlife Service
Mr. & Mrs. E. E. Bolz, Friends of Congressman Paul Rogers
Mr. Joe Penfold and wife, Isaac Walton League, Washington D.C.
Dr. & Mrs. David Morgan, Australia (guests of Mr. Art Marshall)
Mr. Merle Stitt, biologist, Washington office
Mr. Jack Boucher, NPS photographer, WASO
Mr. S. Pete Haydon, representative, Arkansas State Legislature
Dr. Stanley P. Cain, Asst. Secretary, USDI
Mr. Lorenzo Walker, State Representative, Collier County, Naples, Fla.

Mr. Joe Bernstein, Metro Newspaper Service, New York
Miss Patt Bodine, "NY Telegram and Sun", New York
Mr. George Bush, "Better Homes and Gardens", New York
Miss Carole Depner, "American Girl" magazine, New York
Miss Florence deSantis and Gigi de Santis, Bell Syndicate, New York
Mr. Art Eidell, "Family Weekly", New York
Miss Elizabeth Fegol, "Good Housekeeping", New York
Elinor Kassak, "True" magazine, New York
Mr. & Mrs. J. Kerr, "American Girl", New York
Mike Kinzer, "Popular Photography", New York
Ronnie Leonards, "American Girl", New York
Patricia Patterson, "Mademoiselle", New York
Gay Pierson, "Teen Magazine", New York
Helen Staunton, Hall Syndicate, New York
Webb Trout, UPI, Chicago Radio, Chicago, Ill.
Bernie White, "Argosy" magazine, New York
Mr. Rikuro Iwata, Tokyo, Japan, State Dept. Guest of Dr. Grobman, Ministry of Education & Health.
Mr. Edward H. Abbuehl, EODC
Mr. Robert C. Moore, HRB Singer Corp. State College, Pa.
Mr. Francis E. Kaprocki, HRB Singer Corp., State College, Pa.
Mr. William J. Schneider, USGS, Washington, D.C.
Mr. Davis O'Bryan, USGS, Washington D.C.
Col. Jerry Kelly, Asst. Director, Florida State Board of Conservation
Mr. Basquet, Clerk of U. S. Senate Appropriations Committee, Washington D.C. & Mrs. Basquet.
Mr. Fred Quesenberry, Personnel Officer, Southeast Regional Office, Richmond, Va.
Mr. John Carey, Burlington, Ontario, Canada, Free lance photographer
Dr. John H. Davis, Professor of Botany, University of Florida, Gainesville, Fla.

Special Activities: During the week of 15-19 the Annual Administrative Training Conference and Fire School was conducted. All personnel attended the Administrative Training Conference and seasonal personnel were indoctrinated at the Fire School held the balance of the week. On Thursday evening a chickee party was held for the purpose of meeting and welcoming newcomers to the area and renewing acquaintance with those returning for another season here. Mr. Quesenberry of the Southeast Regional Office participated in the program with a discussion of the latest reorganization.

Superintendent Joseph spent part of two days at the Gulf and Caribbean Fisheries Institute where Dr. Clarence P. Idyll, Institute of Marine Science, University of Miami, presented a paper on the shrimp to the members and Mr. Durbin C. Tabb of the same institution delivered a paper.

Superintendent Joseph attended the combined dedication of the University of Miami, Institute of Marine Science expansion and also the Tropical Atlantic Biological Laboratory of the Bureau of Commercial Fisheries.

Supervisory Fire Control Aid Don Pumphrey took a party of six Government officials and Mr. W. Hiker of Aerojet Corp. for an inspection trip in the glades in the trackmaster.

District rangers went on a trip through the Park areas with 16 writers and editors. The trip was arranged by J. Walter Thompson Advertising Agency for Eastman Kodak and the Johnson Outboard Motor. These writers represent sixty million readers. The Park received much favorable exposure as a result of the trip.

Florida Bay Sub-district Ranger Castleberry took Dr. Cain and Superintendent Joseph and party on an all day tour of the proposed Islandia National Monument.

Ranger Markette took Mr. & Mrs. Penfold (Isaak Walton League), Arthur R. Marshall, U. S. Fish and Wildlife Service, Vero Beach, and two Australian guests of the Marshall's on a boat trip to Tarpon Bay and the Cape Sable Coastal area. Ranger Klukas took Mr. Penfold on a trip into Florida Bay.

Glades District Ranger Martin N. Benham attended the Safety Training Seminar held at Harpers Ferry the week of November 24-29.

Chief Park Ranger Robert I. Kerr attended the U. S. Coast Guard Boarding and Boat Inspection Training School held at Newport News, Virginia the week of November 24-29.

Glades District personnel entered a large tractor trailer, with fire equipment, in the Veterans Day Parade in Homestead.

Miscellaneous: Assistant Superintendent Burroughs attended the Federal Executive Council Meeting in Miami on the 9th.

Assistant Superintendent and Mrs. Burroughs, with Mr. Burroughs' father, Clyde, spent approximately two weeks on the Florida coasts. Typical tourists, they can't resist the sea-and-sand combination.

Supervisory Fire Control Aid Don Pumphrey returned to duty on November 16 after spending almost 4 weeks in Virginia awaiting the birth of his and Diana's first child.

Administration

Personnel: James E. Markette promoted from Supervisory Park Ranger GS-7 to Supervisory Park Ranger GS-8 11/7/65.

Conservation, Interpretation and Use

Interpretive Facilities: A draft of the Everglades Natural Sciences Research Plan and the final draft of the Interpretive Prospectus for the Shark Valley Loop Road area were completed and submitted. The first draft of the Interpretive Prospectus for Fort Jefferson will be ready for submission to Southeast Regional Office early in December; however, it will be held at Everglades until Mr. Manucy arrives and can review it.

The lift boxes on all operating trails have been replaced after the "face lifting" made necessary by Hurricane Betsy.

The interpretive staff at Flamingo have been spending most of their spare time in the completion of 22 interpretive signs for the self-guiding auto tour along 5 miles of the main Park road near Flamingo. It is planned to

hang the signs from angled pipe at the brush side of the road berm to prevent interference with roadside mowing operations.

Mr. John Carey from Burlington, Ontario, consulted with the interpretive staff regarding an educational film he has been compiling during visits to the Park over the past several years. The greater portion of this film was reviewed by the staff and was found to be excellent. In order to fill in several background sounds he was not able to record - i.e. alligator and limpkin - he borrowed several sound tracks from the Park library.

Naturalist Mrazek accompanied Dr. John H. Davis, Professor of Botany, University of Florida and eight graduate students to Mahogany Hammock and Mangrove Trails on November 20. Dr. Davis will be a member of the Research Team who will visit early in December.

Interpretive Services: The winter schedule of naturalist conducted programs has been compiled and printed. The program which in previous years was offered on Wednesday evening in the Headquarters Visitor Center will be given as a campfire program at Long Pine Key Campground until the remodeling of the Visitor Center is completed. Because of the excellent response last year to a once-a-week guided tour along the Pineland Trail, this has been incorporated into the winter schedule and will be led by Naturalist Gale Zimmer.

The evening programs at Flamingo were increased to six nights a week and were well attended at the end of the month. During the four day Thanksgiving weekend the "auditorium" was crowded to the last square foot of space and many visitors were unable to get in at all.

The Bayshore walks on weekends were also well received and attended this month.

Research and Observations: The Cuthbert Lake rookery was approximately 35% destroyed by Hurricane Betsy, there are less than 100 nests in various stages of disrepair still visible. On November 21, approximately 12 Anhinga, 50 Cormorants and 15 Coots were noted in the Mangrove district area. A few Anhinga and Cormorants appeared to be nesting. White pelicans are returning and few Wood Ibis were observed. Alligators were observed in Florida Bay along the shore in front of the motel at Flamingo.

Gulf Coast District rangers accompanied the Assistant Chief Naturalist and 13 Ranger-Aides around the Chokoloskee-Everglades area, and on a concessioner boat trip.

Not too many alligators were to be seen at Royal Palm this month. Large numbers were noted at scattered locations throughout the Gulf Coast District.

Rangers Stokes and Winte reported evidence of a deer kill by a panther in the Tamiami Sub-District.

A pair of Bald Eagles at Coot Bay began rebuilding their nest which had been destroyed by Hurricane Betsy about November 15. White Pelicans adorned the mud flats in front of the Flamingo Visitor Center, making their first seasonal appearance early this month. They numbered well over 500 by the month's end. Roseate Spoonbills began making their seasonal appearances at the various roadside ponds this month. These birds have also been

observed nesting at the Tern Keys and Cowpens Key. The hurricane fairly well denuded the trees of these islands and the Roseate Spoonbills' nests can be easily viewed from a boat standing off shore. Several American Bitterns and Purple Gallinules at Royal Palm have enhanced the services of that area. They spend most of their time in spots where they can be easily seen and seem to delight in posing for those two-legged mammals with cameras in hand. Snake Bight was the scene of many migrants - ducks, coots, White Pelicans, Avocets and shore birds. Small groups of Wood Storks were observed throughout the month in the Gulf Coast District. One large group of approximately 50 were seen in the Gopher Key area; also noted were several Mangrove Fox squirrels in the back areas, including one in the town of Everglades.

Mangrove District Ranger Stokes made two trips from the 40-Mile Bend area to locate and write up Indian mounds. 17 mounds were visited which had no numbers and had not been recorded previously.

Curatorial Activities: A very valuable collection of Liguus and other land snail shells was donated to the Park by Mr. Richard Deckert of Miami. This is an enormous collection comprised of an estimated 8,000 specimens. Curatorial work has been delayed on this collection until Mr. Deckert and Mr. Ralph Humes are able to visit the Park to explain certain aspects of this collection. In the meantime Regional Reserve Funds have been requested to purchase proper equipment in which to store these shells.

Approximately 25 more insects were added to the study collection this past month.

Protection: Following the release of the new regulations for commercial fishing within Park boundaries, Superintendent Joseph and Gulf Coast District Ranger Richard A. Stokes met with interested parties in the Town of Everglades to discuss them and to discuss for possible need of change in the regulations to permit these fishermen to secure a livelihood. This meeting did not adjourn until well after midnight because of the interest of local residents.

Thirty-seven commercial fishing permits were issued. Boats had to be inspected before permits were issued which required a ranger to be at the boat basin in the Gulf Coast district on twelve half-days of the month.

Thirty-five boats were checked for fish catches. Fishing was good with bluefish and mackerel coming in close to shore.

Six written warnings and several verbal warnings were issued for violations of boating regulations. One written warning and three verbal warnings were issued for taking undersized fish.

One court case was heard during the month, for possession of firearms. The defendant was found guilty and his weapon was confiscated.

Two vehicle accident investigations were made; one involved a government vehicle and the other a Park visitor. No injuries were sustained in either accident and damage was minor.

Deer hunting season opened on November 13. The Entrance Station opened at 4:00 a.m. to issue permits for airboats, glades buggies and firearms

(114 special permits issued). Early morning and night patrols by airboat and truck and unscheduled patrols were continued throughout the month.

Patrol mileage is as follows: Vehicle - 4,062; Boat - 2,641; Glades vehicle - 29; Airboat - 711; Park plane - 5,500; TOTAL - 12,943

Forest Fire Protection: All Glades District rangers, assisted by rangers from Gulf Coast, Key Largo and Flamingo were engaged in controlled burn at Pine Island. This year, all of the Pine Island area will be control-burned for protection from fires sweeping in from the glades. Heavy ground fuels, particularly pine needles, have accumulated due to Hurricane Betsy.

Insects and Tree Diseases: Assistant Superintendent Burroughs interrupted his annual leave to attend the meeting on mosquito control held November 22 at the Florida State Entomological Research Center, Vero Beach, Florida.

Building Fire Protection: Ranger Carlson and FCA Pumphrey demonstrated use of fire extinguishers during the Administrative Training Conference. Two practice sessions with the fire truck were conducted at Flamingo. All fire equipment was checked and needed repairs made in preparation for the fire season.

Sanitation: Two inspections were made of the eating, motel and cottage facilities at Flamingo.

Wildlife and Fish Cultural Activities: One young crocodile (2 ft. long) was captured at John Pennekamp State Park swimming area and released at Bear Lake.

Ranger McKinney was assigned to the controlled burning research project under the supervision of Park Biologist Robertson. Lay-out work on all study plots to be used this year was completed.

Concessioners: Superintendent Joseph and Chief Park Naturalist Christensen met with Mr. Robert B. Knight, President of the Everglades Park Co., Inc. at Flamingo to go over the possible route for the sightseeing tundra buggy or tram train. Charlie Smith, Maintenance Supervisor at Flamingo also attended this meeting.

Conferences were held with Mr. Robert B. Knight, President Everglades Park Co., Inc., regarding the construction of employee quarters; rate increases for single occupancy in the new motel units; Florida Power and Light Co. estimate for supplying commercial power underground to Flamingo and the electric distribution system at Flamingo.

The Regional Office forwarded information from the American Automobile Association regarding poor housekeeping in the motel at Flamingo. The Superintendent arranged for weekly inspections by the Mangrove District Ranger in company with concessioner personnel to raise the housekeeping standards in both the motel rooms and the housekeeping cottages.

Mr. C. Reginald Miller, Superintendent of the Miccosukee Tribe of Indians was contacted during the month regarding a sample package of Miccosukee-made souvenirs by the Everglades Park Co., Inc., for possible sale at Flamingo.

Resource Planning

Water Resources: During November the Park received water from the Flood Control Project according to the Flood Control District Interim Release Schedule at the following rates and volumes:

Date	Rate of Flow	Volume for Period
Nov. 1-15	75 c.f.s.	2250 acre-feet
Nov. 16-30	925 "	27,750 " "

The period November 16-30 marks the first time since closure of the gates (1962) north of the Park that releases were in the amount requested by the Service in accordance with its Interim Water Requirement Schedule. On the 30th the gate openings were again reduced to allow a discharge of only 75 c.f.s.

Discussions were held via telephone with the Washington Office Legal Dept. and with the attorney for the Flood Control District regarding conditions to be included in the Permit for L-67 Extension.

Mr. Fred Dreves and party were in the Park surveying for the Corps of Engineers proposed extension of Levee L-67.

Superintendent Joseph attended the monthly meeting of the Central and Southern Florida Flood Control District held in Fort Pierce, Florida on November 5.

On Tuesday evening, November 9, Superintendent Joseph and Assistant Superintendent Burroughs met Messrs. Alley, McClane & DuBon at Park headquarters to discuss the water situation and the proposed Levee 67 Extension along the east park boundary.

Assistant Superintendent Burroughs and Hydraulic Engineer Francis A. Nix attended the monthly meeting of the Florida Work Group held at the Bureau of Commercial Fisheries at Vero Beach on November 22.

Hydraulic Engineer Nix and Dr. William B. Robertson, Park Biologist, attended a meeting of the Metropolitan Dade County Planning Department on November 19.

Dr. Craighead was taken on two reconnaissance trips into lower Taylor Slough to locate sites for mangrove dike planting.

Proposed Park Areas: Assistant Secretary Stanley P. Cain arrived on November 19. Superintendent Joseph, Dr. F. C. Craighead, Collaborator, Mr. Arthur R. Marshall of U. S. Fish & Wildlife, accompanied him on an inspection trip of the proposed Islandia park area and also of the adjacent coral reefs, as well as, the John Pennekamp Coral Reef State Park on Nov. 22 and met with him again on November 23 in Miami.

Cooperation with other Federal, State, or Local Agencies: Col. Lansing and Mr. Whitney of the Department of the Army visited Park Headquarters to discuss a project to be done by HRB Singer under Special Use Permit.

USGS personnel finished marking points and photographing in the area to make new charts.

Ranger Castleberry assisted the U.S. Coast Guard in search for an overdue boat near the Park boundary.

Dade County Ranger Jim Keen and six members of his staff were invited to attend the Fire Training Conference. Mr. Keen gave a talk on the role of the Florida Forest Service will take in fighting fires in our mutual protective zone. The Florida Forest Service is the only cooperating agency equipped to fight fires in the open glades.

Cooperating Non-Governmental Agencies: Dr. Wood, Professor at the University of Miami, and two students were taken by airboat to the Shark River Valley. The students will make occasional airboat trips to the valley to gather plant material for study purposes. This study is a National Institute of Health Grant - Periphytons of the Everglades.

The National Park Service auditors have been auditing the Everglades Natural History Association's records and will meet with officials here during December to discuss their findings.

Superintendent Joseph and Chief Naturalist Christensen were members of a panel which discussed the water situation as part of Fort Myers' Conservation Week. Mr. Dail, Central and Southern Florida Flood Control District was also a member of this panel. This discussion panel was very well received and several requests for speakers were received from other organizations in this area as a result.

Each day more and more requests for a speaker are received from schools, clubs, and other organizations. Chief Park Naturalist Christensen and Assistant Chief Park Naturalist Haugen contacted the better part of a thousand people in the Miami-Homestead area this month alone as a result of these requests.

Assistant Chief Naturalist Haugen escorted the Ranger Aides to the town of Everglades where Sammy Hamilton, concessioner, took them on a boat trip in that area.

Public Affairs

General Publicity: During the latter part of the month several phone calls were received from the staff of All Florida Magazine, Ocala, Fla., regarding the water situation. This organization had already contacted the Central and Southern Florida Flood Control District and received a statement from them, and were interested in securing a statement from the Park. Both Superintendent Joseph and Assistant Superintendent Burroughs talked with these people and pictures were furnished for their use. They were requested to come to the Park and see for themselves the conditions existing prior to the release of any article on this controversial subject.

Public Relations: A group of high ranking officers from Homestead Air Force Base were taken airboating while there was sufficient water to permit this activity.

Superintendent Joseph talked on Friday, November 26, to the members of the Chamber of Commerce of Islamorada, Florida regarding the Park.

Planning began for the December monthly meeting of the Central and Southern Florida Flood Control District Board of Governors to meet at Flamingo. The party will arrive a day or two ahead of the meeting date to see the Park and do some fishing. Col. Tabb, District Engineer of the U. S. Army Engineer District, Jacksonville was invited to join the group.

Mr. Joe Penfold, Conservation Director of the Izaak Walton League of America spent November 29 and 30 in the Park. He and Mrs. Penfold were escorted through the park by Superintendent Joseph and other personnel.

August Burghard, Fort Lauderdale newsman and former member of the Everglades Park Commission and Mr. John Smolto, Chicago Tribune political editor, were escorted through the Park on Saturday, November 13, by the Superintendent.

The Superintendent and Assistant Superintendent spent several hours going over the Wilderness Bill and how it would affect Everglades National Park with Mr. John O'Reilly, writer for "Sports Illustrated".

Professor and Mrs. David G. Morgan, Victoria, Australia, were escorted through the Park by Management Assistant John R. DeWeese.

Ranger Castleberry, Superintendent Joseph and Management Assistant DeWeese attended a meeting of Directors of Islamorada Chamber of Commerce regarding their proposal to have Islamorada officially declared the "Southern Waterway Entrance to Everglades National Park".

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Mr. E. H. Abbuehl, Landscape Architect, Eastern Office, Design and Construction, made a survey of damage and recovery from Hurricane Betsy. Mr. Abbuehl also met with members of the Park Staff and discussed the Park Development Plans.

New Construction

Cosmic, Inc., under Contract No. 14-10-0131-1536 for Alterations and Additions, Parachute Key Visitor Center, completed 80 percent of the demolition portion of contract work November 16, 1965, which was the date of last active work.

Everglades Park Company employee housing at the Flamingo Area is 20 percent completed. Estimate for the roads for this project is pending receipt of plans from the company.

Conference and Meetings

Representatives of the Park, Everglades Park Company, and Florida Power and Light Company held a meeting at the office of the Florida Power and Light Company and discussed proposed installation of power line from the Hole-in-the-Donut to the Flamingo Area.

The Park Engineer met with a representative of the Chicago Pump Company and discussed replacement of damaged sewage pumps at Flamingo.

Representatives of the Harris Paving and Construction Company, Subcontractor, Dade County Agriculture Agents Office, and Park Staff held a meeting to determine action to be taken for the growth of grass in the Flamingo Campground Areas under Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing.

Stanley C. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
[X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): November 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	211701 Flamingo Campground Development Including Trailer Facilities Loops 2 and 3 Including Oolite Fill (63) Construct Utilities (Water & Sewer) Housekeeping Cabins, 36 Units, 12 Structures (63)	U-71 U-72 U-73 U-79 B-139 B-140 B-147 E-129-1 E-132-1	3220A 11/63 3236 11/63 3228A 11/63 3224A 6/63 3223A 11/63	107,061 2/1/63 20,000 3/22/63 6,229 6/6/63 55,683 6/26/63 41,517 6/28/63 2,250 9/4/63 2,203 1/13/64 1,600 1/21/64 120,204 2/10/64 980 3/25/64 475 4/21/64	C & DL	Jan 63 Sept 66	99	D&C Balance of Day Labor Portion $603.[illegible]. Installation of Campground & Trailer facilities pending completion of contract work in this area.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1965 1966	211705 Parachute Key: Alteratinns to Visitor Center, Including Audio-visual and Furnishings	B-151	3219D 1/1965	47,790 11/13/65	C	Oct 65 Feb 65	5	D&C Cosmic, Inc., orig. amt. of Contract #14-10-9131-1536, $51,990.00. Demolition portion of contract 80% completed. Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $20,900 for Alterations to Visitor Center, Including Audiovisual $3,300, B-151 (Compl.) (Furnishings port. ($850) not subject to PS&S).
1966	Flamingo: Employee Apartments (8)	B-74-3		Est. 102,200 10/20/65	C	June 66 Oct 66	0	D&C Program Auth. SERo #66-76, 10/20/65 authorized funds in amt. of $102,200.
1966	Utilities for Employee Apartments	U-86		Est. 5,100	C	June 66 Oct 66	0	D&C Program Auth. SERo #66-76, 10/20/65 authorized funds in amt. of $5,100.
1966	Grounds Improvement for Employee Residential Area	M-141		Est. 1,700 10/20/65	C	June 66 Oct 66	0	D&C Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $1,700.
1966	Camping Facilities, Campground	M-160		Est. 5,100 10/20/65	DL	June 66 Oct 66	0	D&C, P. Program Auth. SERo #66-76, 10/20/65 authorized funds in amt. of $5,100.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): November 1965

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO. 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C). (R). OR (A) 9
1966	Gulf Coast: Ranger Office-Comfort Station	B-155		Est. 49,900 10/20/65	C	Jan 66 May 66	0	D&C Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $49,900.
1966	Utilities, Ranger Office-Comfort Station, Utility Bldg. & Employee Residences	U-84		Est. 16,100 10/20/65	C	Jan 66 May 66	0	Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $16,100.
1966	Grounds Improvements, Including Site Fill, Ranger Office-Comfort Station	M-128-1		Est. 20,900 10/20/65	C	Jan 66 May 66	0	D&C Program Auth. SERo #66-76, 10/20/65 authorized funds in amt. of $20,900.
1966	Tamiami: Grounds Improvements, Shark Valley Sub-Dist. Hdqtrs.	M-164		Est. 4,000 10/20/65	DL	Jan 66 May 66	0	P. Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $4,000.
1966	Interpretive Signs and Exhibits Shark Valley Observation Tower and Road, (Includes $1,000 for audio-visual requirements) $4,000 for Exhibits withheld by the Washington Office	M-162		Est. 4,300 10/20/65	DL	Jan 66 May 66	0	WASO Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $4,300
1966	Park General: Emergency Water Supply	M-175		Est. 240,050 10/20/65	C	Jan 66 Jan 67	0	D&C, WASO USGS has completed field survey and report is being prepared. Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $200,050.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): November 1965

F. Y PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONSTRUCTION: CON. TRACT (C) OR DL 6	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION 7	CONSTRUCTION: % COM-PLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C). (R). OR (A) 9
1966	Royal Palm: Remodel and Expansion of Visitor Center-Comfort Station, Including Utilities	B-154-1		Est. 16,600 10/20/65	C	Mar 66 / July 66	0	D&C Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of $16,[illegible].

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
☐ BUILDINGS AND UTILITIES ☒ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): November 1965

F. Y. PROGRAM	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE	PCP NO.	DRAWING NO	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR	CONSTRUCTION: CONTRACT (C) OR DL	CONSTRUCTION: ESTIMATED DATE STARTING / COMPLETION	CONSTRUCTION: % COMPLETE	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A)
1	2	3	4	5	6	7	8	9
1963	225101							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Harris Paving and Construction Co
	Flamingo Campground	R-93	11/63	8/1/63	&	Aug 66		Inc., orig. amt. of Contract
1961	Flamingo: Construct Roads, Parking	R-102	3236 Re	20,000	DL			#14-10-0111-230, $17,550.00.
	Area and Walks for Concessioner	R-106	11/63	3/22/63				
	Housekeeping Cabins (61)	R-113	3228A	750				Unobligated balance of Day Labor
1964	Construct Roads, Parking Area and		11/63	9/4/63				Portion $298.83.
	Walks for Concessioner Motel Units		3223A	112,145				
			11/63	2/4/64				Unobligated balance of funds on
			Un-No. Re	32,896				Program Adjustment R-64-13 approved
			Sketch	3/2/64				4/21/64: $17,378.82
				400				
				4/22/64				
				4,147				
				11/30/64				
				1,700				
				3/3/65				
				4,275				
				5/7/65				
1966	Flamingo: Access Roads & Parking	R-107		Est.				D&C
	Area for 8 Apartments	(Comp.)		2,200	C	Jun 66	0	Program Auth. #66-43, 10/19/65
				10/20/65		Oct 66		authorized funds in amt. of $2,200.
1966	Gulf Coast: Access Road, 0.25 mile	R-116	3308	Est.	C	Jan 66	0	D&C
	Parking Areas (3) (Total 45 cars)		8/1965	16,700		Oct 66		Program Auth. #66-43, 10/19/65
	Ranger Station, Utility and			10/19/65				authorized funds in amt. of $16,700.
	Employee Residences and Apartment							
	Roads and Trails							

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): November 1965

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1966	Tamiami: Signs and Markers, Shark Valley Observation Tower Road	R-119		Est. 4,600 10/19/65	DL	Feb 66 / Jun 66	0	P. Program Auth. SERo #66-48, 10/19/65 authorized funds in amt. of $4,600.
1966	Tamiami: Elevated Trail, 0.14 Mi. and Gates, Shark Valley Observation Tower	R-118		Est. 15,000 10/19/65	C	Mar 66 / May 66	0	D&C Program Auth. #66-48, 10/19/65 authorized funds in amt. of $15,000.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

CHECK BELOW THE PROJECT USED:
☒ BUILDINGS AND UTILITIES ☐ NPS ROADS AND TRAILS ☐ BPR ROADS AND TRAILS

REPORT FOR (Month and year): November 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1962	211702 Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/1939	3,000 2/4/63	DL	Feb 63 Jan 66	48	P. Unobligated balance of funds $1,272.5
1965	211704 Repair and Repointing Fort Walls and Casemates, General Cleanup	M-27-1	2003	27,400 7/13/64	DL	July 64 July 66	39	P. Work on walls is pending completion o plans. Unobligated balance of funds: $10,226.58.
1966	Garden Key: Stabilization of Fort Walls, Repair of Lower Casemates Embrasures, and General Cleanup	M-41 (Por.)	2003 1/1939	Est. 33,200 10/20/65	DL	July 66 July 67	0	D&C, P. Program Auth. SERO #66-76, 10/20/65 authorized funds in amt. of #33,200.

Summary of the December 1965 Monthly Narrative Report
for
EVERGLADES NATIONAL PARK

		Page
GENERAL:		
Weather:	Warm days, balmy nights	1
Travel:	Up 23% for year.	1
Visitors:	Sen. Holland, Cong. McDade and others	1
Special Activities:	Numerous and varied 201 man-hrs. spent with VIP's	2
Miscellaneous:	Gobles spent Christmas in Guatemala on coffee plantation	2
ADMINISTRATION:	One personnel action. Two uniformed men returned from Ranger School, Grand Canyon. One serious accident to concession employee while off duty	3
CONSERVATION, INTERPRETATION & USE:	Mahogany Hammock & Pa-Hay-Okee Trails reopened after hurricane Betsy	3
	"Shanty" in headquarters parking lot put into use to handle record crowds entering Park until Visitor Center is again operative. Traffic jammed at entrance station caused this emergency measure.	
	Winter schedule, and Boat-a-Cades in full swing.	4
	Bird show and rookeries began, but food supplies short	4
	Anhinga Trail wildlife scarce	5
	500 Atlantic Green Turtles released	5
	Hunting patrols increased. No signs of 'gator poaching in back country patrols	
RESOURCE PLANNING:	Water level dropped 1'2" this month.	6
	Monthly meeting of FCD Bd. of Governors held at Flamingo.	
	Mangrove dike project continues	
	NBC representative here about documentary on water.	
	3 days spent on Harris Paving Co. hearings	

	Manucy hear of research for Ft. Jefferson Master Plan	7
PUBLIC AFFAIRS:	Sen. & Mrs. Holland here	7
	Mr. Pearl, Land and Law Review Commission, WASO and Mrs. Pearl visited as did Cong. and Mrs. McDade	8
	Bob McConnell, Cong. Lia., Asst. to Secretary and Ross Carte here	8
	Peter Matheson, author, referred by Secretary, here	8
	Alfred Bester, Holiday Magazine here	8

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
EVERGLADES NATIONAL PARK
HOMESTEAD, FLORIDA 33030

SUPERINTENDENT'S MONTHLY NARRATIVE REPORT
for
EVERGLADES NATIONAL PARK

December 1965

General

Weather Conditions: Warm days and balmy nights delighted tourists. Though one short-lived cool front passed through the area sliding temperatures to the lower 40's, for the most part temperatures in the high 70's prevailed. Rainfall was extremely light and scattered with 0.20 inches being recorded at Royal Palm and 0.70 at Flamingo. With the light precipitation, water tables continued their steady drop. Taylor Slough gauge read 2.01 at the end of the month compared with 3.20 the last day of November and 2.54 for December 1964.

Increase in Travel: Visitation to Everglades National Park continued its upward trend started 12 months ago. A total of 84,914 people entered the area for a record-breaking December. This is 9½ percent above December last year. Year-end figures showed 23 percent more people entered the Park in 1965 than in 1964. A total of 977,643 persons were reported for the year. The concessioner operating at Flamingo also showed marked increase, 16½ percent more people used his facilities in December this year than last and a 20 percent increase for the year was recorded.

Even with the poor condition of the expanded campground at Flamingo, 18 percent more people used Park campgrounds during December with the yearly total swelled by 9½ percent over 1964.

Persons from all but one state entered the area during the month. Only North Dakota was not represented; also visitors from three Canadian provinces and the following foreign countries were recorded: Peru, West Germany, Czeckoslovakia, India, Switzerland, Pakistan, Australia, Belgium, South Africa, Honduras, Nicaragua, United Kingdom, Mexico, Austria, Turkey, France, Dominican Republic, Colombia, Afghanistan, Laos, and Cuba.

Visitors:

Mr. George Page, NBC News, N.Y.C.
Mr. Richard C. Montgomery, Engineer, Washington Office, NPS
Mr. Al Bester, writer for Holiday Magazine
Dr. George Sprugel, Biologist, NPS, WASO
Mr. Donald E. Lee, Land and Water Rights, NPS WASO
Mr. Joseph M. McDade, U. S. Representative from Pennsylvania
Mr. John E. Buckley, Secretary to U. S. Representative Dante Fascell

Mr. Merle Stitt, Biologist for Northeast and Southeast Regions, NPS
Dr. Ferguson Wood, University of Miami Institute of Marine Science, Coral Gables
Mr. Gardner Stuart, Trustee, Museum of Natural History, New York, N. Y.
Senator and Mrs. Spessard L. Holland, Bartow, Florida
Mr. and Mrs. Bernard T. Campbell, Superintendent, Hot Springs National Park
Mr. George Stevens, Channel 4 TV, Miami, Florida
Dr. John Davis, Botanist, University of Florida, Consultant to the U. S. Corps of Engineers
Dr. Ernest Fort, Botanist, University of Florida
Mr. Milton S. Pearl, Land & Law Review Commission WASO
Mr. Robert McConnell, Cong. Liaison Officer, Secretary's Office and Ross Carte, WASO

Special Activities: Rangers were asked the first of December to keep close track of the number of hours spent handling special groups of VIP's and special assignments. Records show that 201.5 man-hours were spent on this endeavor.

The Inter-County Telephone Co. dedicated new phone system at Flamingo. The ceremony also celebrated the 100,000 installation of the company. U. S. Senator Holland was the guest of honor and placed a call to Director Hartzog in Washington to celebrate the event.

Assistant Chief Naturalist Haugen attended the U. S. Civil Service Commission Management Institute in Atlanta. He felt this was an excellent course and one which certainly made him appreciate the value of a secretary.

Dr. Clyde L. Porter, Jr., University of Miami, spent an afternoon researching the herbarium and library. Before leaving he stated that our Park library contained a wealth of information on South Florida while the University's library did not and thus our library was much superior to the University's.

Mrs. Lura Dickson, author of Yellowstone Wonderland for Boys and Girls, and who is currently working on another children's book pertaining to wildlife incidents in National Parks, arrived at Park headquarters to begin research of the library and observation file to secure material for a section on Everglades National Park.

Mr. Ralph Humes donated a day of his time to work on the Deckert shell collection. The main purpose, at this time, was to separate the foreign shells from those inhabiting the everglades. The foreign shells will not be included in the collection donated to the Park instead they will be offered to various museums.

The Science Study Group from New York headed by Mrs. Doris Timpano visited the Park over the Christmas holiday again this year. They were treated to special programs at both Royal Palm and Flamingo.

Miscellaneous: Marion and Lister Goble spent their Christmas holiday visiting friends in Guatemala. They had the unusual opportunity of spending Christmas Eve and Christmas Day on a coffee plantation where they joined

the Indians in traditional celebrations including the breaking of the pinata.

The Munroe houseboat (Surfside 6) which sunk at the dock during Hurricane Betsy was raised and moved from the Flamingo area the latter part of the month.

Administration

Personnel: Mendlen, Ruth, Park Guide, GS-5, was converted to career tenure 12/23/65.

Carl S. Christensen & Richard L. Cunningham both returned to duty on 12/28/65 following their attendance at a three month's ranger training school at Grand Canyon.

Superintendent Joseph took approximately six days of annual leave beginning on December 21, while his daughter and son-in-law were home for the holidays. The Josephs and Rabés were typical tourists during the Rabés visit.

Safety and Health: A concession employee, while off duty, fell from the Flamingo Visitor Center breezeway to the pavement below fracturing his skull. This accident is being investigated and a special report prepared.

Four emergency cases were taken to the Homestead hospital by Rangers stationed at Flamingo. With the exception of the accident mentioned above all turned out to be of a minor nature.

The Park Safety Committee held a meeting at Headquarters and later inspected the Pine Island and Flamingo areas.

Conservation, Interpretation and Use

Interpretive Facilities: During the middle of the month, both the Mahogany Hammock and Pa-Hay-Okee Trails were again opened to the public after considerable cleaning up and renovating made necessary by Hurricane Betsy.

A message repeater was received for use at Pa-Hay-Okee and is now operative.

Work on Mahogany Hammock lift boxes is in progress.

The placement of the newly constructed interpretive signs along the Park road near Flamingo will be completed as soon as pipe and fittings are delivered.

The Entrance Station continued to be the first visitor contact point until the erection (on December 30) of a small wooden "shanty" in the Headquarter's parking lot. This new information point was extremely necessary because of 1) the tremendous traffic through the Entrance Station and 2) overloading of the restroom system at Royal Palm.

On one of the peak days, cars (including farmers and missilemen headed toward the Hole-in-the-Donut) were backed up almost to the entrance of the Park. Thus, information which could be dispensed was very limited indeed. The new structure, although rustic, is alieviating this problem greatly and in addition is taking a lot of the burden of answering basic question away from the staff at Royal Palm.

Interpretive Services: By the end of the month, the winter schedule of naturalist's programs was in effect. See schedule attached. At Flamingo beginning December 21 and lasting through the end of the month, hundreds of visitors were turned away each night at the evening program due to lack of space in the Everglades Park Company's lounge. District Ranger Mrazek feels that there will probably be a rash of complaints about the inadequacy of the "auditorium". At Royal Palm, cars overflowed the parking area and many were forced to park along the roadways a good walking distance from the station. The talks and guided walks both at Royal Palm and Flamingo were exceptionally well attended with groups at Royal Palm numbering a hundred or more people each program. The campfire circles were also well received and most nights the count was a full house plus.

Ranger-led Boat-a-Cades conducted from Flamingo and Everglades were started again this season. These boat trips have proven very popular with ranger leading a group of privately-owned boats to the back country waters of the Park. The Outdoor Editor of the Chicago Tribune, Tom McNally, was in the area working on an article on Everglades. He was shown around Everglades, Florida, by District Ranger Stokes. District Ranger Stokes and personnel from the Mangrove District made talks in five schools with total attendance of 297 persons.

Ranger personnel assisted interpreters in manning the entrance informational booth during the Christmas week rush.

The interpretive trails at Mahogany Hammock and Pa-Hay-Okee were opened early in the month following repair of damage caused by Hurricane Betsy in September.

Research and Observations: The Natural Sciences Research Team spent six days in the area, working four of the days at Flamingo and the balance at a motel in Homestead.

The bird show at Coot Bay began as usual for this time of year, but the food supply was quickly exhausted and there were only a few birds to be seen there most of the month.

The East River Rookery started to form late this month. On December 29 there were about 100 pairs of Wood Ibis and 40 pairs of Common Egrets along with 10 pairs of Anhingas in the rookery. According to Dr. Wm. Robertson, Park Biologist, if the water level continues to recede, the Wood Ibis' chances of rearing their young must be considered doubtful at this time.

The Royal Palm area which thousands of people have come to love for its profusion of wildlife in the winter months has a drastically reduced number of animals this year. The fish on which the wading birds and

alligators feed are so few in number are not enough to sustain the wildlife there. Observed are small fish, but few large gar, bass and bream. At this writing there are three large and 14 to 16 small gators, 2 purple gallinules; one each Bittern, Snowy Egret, Louisiana Heron, Common Egret, Little Blue Heron; many Anhingas; and occasional Wood and White Ibis to be seen. Previously, at this time of year, three to four of each species could be readily pointed out to visitors.

A black Bear weighing approximately 125 lbs. was observed by Earl Jackson, Maintenance Foreman, on December 14. The bear was crossing the Park road from the glades in to Long Pine Key near the campground turn in the road.

Five hundred, three month old, Atlantic Green Turtles which had been raised by Dr. and Mrs. Robert Schroeder of Lower Matecumbe Key were released at Cape Sable on December 23. The project of raising hatchlings to a fairly good size before release was undertaken as part of the work of the Caribbean Conservation Corporation under the direction of Dr. Archie Carr. 10 boats carrying 45 very interested folks made up the boat-a-cade cruising from the Keys to Cape Sable and included Dr. and Mrs. Carr who came down from Gainesville for the launching. The Park Service was represented by Chief Naturalist Ernst Christensen, Naturalist Gale Zimmer, and Ranger Don Castleberry.

A 10 ft. Manatee was injured by a 30 foot cruiser in Tarpon Creek about December 12. It was swimming around in the Buttonwood Canal for several days, showing signs of distress from a large gash in its back. It was last seen swimming back in to Coot Bay on December 18 and its ultimate fate is not known at this time.

Park Ranger Zeb V. McKinney who has been assigned to the Long Pine Key Control Burn Project completed his study plots during the month. It is planned to burn Block A early in January.

Under the direction of Park Naturalist and Dr. Archie Carr, 500 juvenile green turtles were released from the Cape Sable beaches. This is the second time this year such releases were made.

The Florida Bay Annual Christmas Bird Count was conducted on December 29.

Protection: Hunting patrols were increased during December as pressure along the Park boundaries continued to mount. Heavy hunting was noted along the 10-mile corner area and the Park's east boundary. Trespassing by two airboats and one glades buggy was noted. These trespasses were presumably made by hunters. One court case involving a car traveling at excess speed was held before U. S. Commissioner. The defendent pleaded guilty and was fined $15. One citation was issued for each of the following violations: speeding, reckless driving, fishing in closed areas, and four oral warnings were given for littering from a boat. This practice is quite common in marine areas. Rangers are attempting to instill the litterbug message to boat owners and operators.

Patrols into the headwater regions of the Gulf Rivers indicate that the alligators are moving into the area as the water table subsides. No signs of 'gator poaching were seen during December.

Patrol mileage for the Park was as follows:

Vehicle	19,754
Boat	3,843
Glades vehicle	62
Airboat	829

Forest Fire Protection: As a presuppression measure to avoid fire spreading through the Park lands, the old Tamiami Trail, about six miles of shoulder were burned of accumulated fuel matter. This is the third year that this project has been carried out. Control burn in the Pine Island Residential Area was accomplished early in December. A small wild fire started along the Park road approximately one mile south of Pa-Hay-Okee Overlook. Quick action by suppression crews limited its size to one acre.

Resource Planning

Water Resources: The water level at Royal Palm dropped about 1'2" during the month. When it began dropping, small fish were observed jumping over a weir in an attempt to move upstream into the pond.

The Central and Southern Florida Flood Control District Board of Governors held their monthly meeting at Flamingo beginning December 13. Some of the members arrived early in order to do a little fishing in Park waters on Sunday, December 12. Col. Robert P. Tabb of the Corps of Engineers Jacksonville arrived on the 14th and spent a little more than one day in the Park. He was flown over the Park in the aircraft and escorted through the Park to see just what conditions existed as a result of the water shortage.

The Mangrove Dike project continued. Approximately 200 mangrove seedlings were planted along the lower end of Taylor Slough. Dr. F. C. Craighead (Park Collaborator) directed this project. Naturalist Bruce Paige continued the Culvert Research Study, taking weekly measurements and observations from culverts along the Park road.

Mr. Nix, Hydraulic Engineer, attended the Water Research Control Council meeting of the Miami-Dade County Chamber of Commerce, in Miami, on December 15.

Mr. Page of the National Broadcasting Co., New York, N. Y. arrived December 6. He was interested in background information on the Park in preparation for a documentary which NBC plans to do primarily on the water situation here.

Cooperation with other Federal, State or Local Agencies: On Dec. 28 a pre-construction meeting was held with the Florida State Road Department regarding the resurfacing of the road to the missile site within the Park.

Superintendent Joseph spent the greater part of three days in Miami at hearings on the Harris Paving Co. contract.

Mr. Al Manucy arrived on December 15 to go over the Fort Jefferson National Monument Master Plan, to advise the Superintendent on the stabilization - rehabilation program for the fort and to assist in the preparation of Part II of the Historic Structures Report.

Cooperating Non-Governmental Agencies: At the request of Princeton University, a sample of sludge was collected from Taylor Slough. This sample is to be used in their research on Testaceans.

Requests for a speaker at schools and local clubs are still being received. During December Chief Park Naturalist Christensen, Assistant Chief Park Naturalist Haugen, and Naturalist Ames contacted 1,760 as a result of these requests.

Again this year, Assistant Chief Naturalist Haugen helped to judge the various entries in the Dade County Junior High Schools' annual conservation contest. Many of the student's projects revolved around the theme of Everglades National Park and its need for water. It was quite obvious the Corps of Engineers and the FCD had spent considerable time responding to requests from these children just as the staff of the Park had.

The annual meeting and fish fry for the members of the Natural History Association was held on December 11. This was their most successful meeting yet. 150 members and guests partook of the fish dinner prepared by the Ranger Aids. The Everglades Park Company donated 100 lbs of uncleaned fish for which the Ranger Aids were most grateful. The girls spent a good part of the day cleaning fish in addition to the other necessary preparation. After the meal, Dr. Gilbert Voss gave an excellent talk on the deep sea research in Gulf of Guinea and a general discussion was held on the water situation here in the Park.

Public Affairs

Public Relations: Senator and Mrs. Spessard L. Holland arrived on December 6 and spent approximately two weeks in the Park. They were delighted with their birding activities while here. December 15 Superintendent Joseph spent with the Hollands. The Senator was recovering from surgery and asked for no publicity as he wanted to rest.

Naturalist Bruce Paige spent several days in the field birding with Senator and Mrs. Holland and on December 12 accompanied by District Naturalist Vince Mrazek the group cruised to Lake Ingraham.

Mr. and Mrs. Milton Pearl arrived on December 9. Mr. Pearl is from the Land and Law Review Commission in Washington. Mr. and Mrs. Pearl were escorted through the Park and Mr. Pearl was particularly impressed with his flight over the Park and the Flood Control District Project works.

Congressman and Mrs. McDade arrived at 11:10 P.M. on December 3 and were met at the airport by Superintendent Joseph. They remained in the Park for four days. Congressman McDade was highly interested in the water situation, employee housing facilities, and other aspects of the Park as he had been appointed to the Appropriations Committee

and the sub-committee for Interior and Insular Affairs. He frankly admitted that he had no great personal knowledge of the National Parks and before taking up his new duties, he was familiarizing himself with some of the parks , their facilities and their problems.

Mr. Bob McConnell, Congressional Liaison Asst. to the Secretary of the Interior spent three days in the Park. He was accompanied by Mr. Ross Carte. While at Flamingo he did some fishing.

Mr. Peter Matheson, author, referred here by Secretary Udall, was escorted about the Park, and flown over the Park and the water control project works in the Park aircraft.

Mr. and Mrs. Penfold spent several days in the Park. Mr. Penfold is an aughor and interested in writing on the Park and the water situation.

Mr. Alfred Bester, representative of Holiday Magazine and who is currently doing an article on the water situation, was escorted to various places in the Park by Assistant Chief Naturalist Haugen. To aid his research further, he was also given the existing printed information and a bibliography pertaining to the water problem and the background of the Park.

DESIGN AND CONSTRUCTION

Plans, Maps and Surveys

Mr. Albert Manucy visited the Park and Fort Jefferson National Monument for research material on preparation of report for the repair and repointing of Fort Walls.

New Construction

Cosmic, Inc., under Contract No. 14-10-0131-1536 for Alterations and Additions, Parachute Key Visitor Center, completed 42 percent of the work. Three 5-ton air conditioner units have been delivered, and all of the aluminum framing has been delivered to the job site. The aluminum framing is 60 percent in place. The electrical wiring is 60 percent completed. The ducts for the air conditioners are being installed.

Everglades Park Company employee housing at the Flamingo Area is 60 percent completed. Estimate for the roads for this project has been submitted to the Southeast Regional Office.

Bids for sewage pumps have been issued to replace damaged sewage pumps at Flamingo.

Harris Paving and Construction Company has requested acceptance and final payment of their Contract No. 14-10-0111-230 for Grading, Placing Topsoil, Seeding and Fertilizing, Flamingo Campground Areas.

Stanley T. Joseph
Superintendent

MONTHLY PROGRESS REPORT

Area: Everglades National Park

CHECK BELOW THE PROJECT USED:
[X] BUILDINGS AND UTILITIES [ ] NPS ROADS AND TRAILS [ ] BPR ROADS AND TRAILS

REPORT FOR (Month and year): December 1965

F. Y. PROGRAM 1	WORK ORDER NUMBER, LOCATION WITHIN AREA, AND PROJECT TITLE 2	PCP NO. 3	DRAWING NO 4	CONSTRUCTION: TOTAL ALLOTTED BY FISCAL YEAR 5	CONTRACT (C) OR DL 6	ESTIMATED DATE: STARTING / COMPLETION 7	% COMPLETE 8	REMARKS AND CONSTRUCTION AGENCY: (D & C), (R), OR (A) 9
1963	211701							D&C
	Flamingo Campground Development	U-71	3220A	107,061	C	Jan 63	99	Balance of Day Labor Portion $603.30
	Including Trailer Facilities	U-72	11/63	2/1/63	&	Sept 66		
	Loops 2 and 3 Including Oolite	U-73	3236	20,000	DL			
	Fill (63)	U-79	11/63	3/22/63				
	Construct Utilities (Water & Sewer)	B-139	3228A	6,229				
	Housekeeping Cabins, 36 Units,	B-140	11/63	6/6/63				
	12 Structures (63)	B-147	3224A	55,688				
		M-129-1	6/63	6/26/63				
		M-132-1	3223A	41,517				
			11/63	6/28/63				
				2,250				
				9/4/63				
				2,203				
				1/13/64				
				1,600				
				1/21/64				
				120,204				
				2/10/64				
				980				
				3/25/64				
				475				
				4/21/64				

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1965	211705							D&C
1966	Parachute Key: Alterations to Visitor Center, Including Audio-visual and Furnishings	B-151	3219D 1/65	47,790 11/13/65	C	Oct 65 / Feb 66	42	Cosmic, Inc., orig. amt. of contract #14-10-0131-1536, $51,990.00. Three 5-ton air conditioner units have been delivered to the job; all aluminum framing is at the site and 40% installed; electrical wiring is 60% complete; ducts for air conditioners are being installed.
1966	Flamingo: Employee Apartments (8)	B-74-3		Est. 102,200 10/20/65	C	June 66 / Oct 66	0	D&C Preliminary plans were recommended f approval.
1966	Utilities for Employee Apartments	U-86		Est. 5,100 10/20/65	C	June 66 / Oct 66	0	Preliminary plans were recommended f approval.
1966	Grounds Improvements for Employee Residential Area	M-141		Est. 1,700 10/20/65	C	June 66 / Oct 66	0	Plans not completed.
1966	Camping Facilities, Campground Expansion	M-160		Est. 5,100 10/20/65	DL	June 66 / Oct 66	0	D&C and P. Installation pending acceptable stan of grass.

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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1	2	3	4	5	6	7	8	9
1966	Gulf Coast Ranger Office-Comfort Station	B-155	3311 12/65	Est. 49,900 10/20/65	C	Jan 66 May 66	0	D&C Preliminary plans recommended for approval.
1966	Utilities, Ranger Office-Comfort Station, Utility Bldg. & Emploee Residences	U-84		Est. 16,100 10/20/65	C	Jan 66 May 66	0	D&C Preliminary plans recommended for approval.
1966	Grounds Improvements, Including Site Fill, Ranger Office-Comfort Station	M-128-1		Est. 20,900 10/20/65	C	Jan 66 May 66	0	Preliminary plans recommended for approval.
1966	Tamiami: Interpretive Signs and Exhibits Shark Valley Observation Tower and Road, (Includes $1,000 for audio-visual requirements) $4,000 for Exhibits withheld by Washington Office	M-162		Est. 4,300 10/20/65	DL	Jan 66 May 66	0	WASO and P. Plans not completed.
1966	Grounds Improvements, Shark Valley Sub-Dist. Hdqtrs.	M-164		Est. 4,300 10/20/65	DL	Jan 66 May 66	0	Plans not completed.
1966	Park General: Emergency Water Supply	M-175		Est. 240,050 10/20/65	C	Jan 66 Jan 67	0	D&C, WASO Report is being prepared.

NATIONAL PARK SERVICE

MONTHLY PROGRESS REPORT

Area: Everglades National Park

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REPORT FOR (Month and year): December 1965

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1966	Royal Palm: Remodel and Expansion of Visitor Center-Comfort Station Including Utilities	M-154-1		Ext. 16,600 10/20/65	C	Mar 66 / July 66	0	D&C Plans not completed.

MONTHLY PROGRESS REPORT

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1	2	3	4	5	6	7	8	9
1963	225101							D&C
	Circulatory Roads and Parking,	R-91	3220A	60,000	C	Jan 63	95	Harris Paving and Construction Co.
	Flamingo Campground	R-93	11/63	8/1/63	&	Aug 66		Inc., orig. amt. of Contract
1961	Flamingo: Construct Roads, Parking	R-102	3236 Re	20,000	DL			#14-10-0111-230, $17,550.00.
	Area and Walks for Concessioner	R-106	11/63	3/22/63				
	Housekeeping Cabins (61)	R-113	3228A	750				Contractor has requested acceptance
1964	Construct Roads, Parking Area and		11/63	9/4/63				of contract as completed.
	Walks for Concessioner Motel Units		3223A	112,145				
			11/63	2/4/64				Unobligated balance of Day Labor
			Un-No. Re	32,896				Portion $298.83.
			Sketch	3/2/64				
				400				Unobligated balance of funds on
				4/22/64				Program Adjustment R-64-13 approved
				4,147				4/21/64: $17,378.82.
				11/30/64				
				1,700				
				3/3/65				
				4,275				
				5/7/65				
1966	Flamingo: Access Roads & Parking	R-107		Est.	C	Jun 66	0	D&C
	Area for 8 Apartments			2,200		Oct 66		Plans have not been received.
				10/20/65				
1966	Gulf Coast: Access Road, 0.25 mi.	R-116	3308	Est.				D&C
	Parking Areas (3) (Total 45 cars)		8/65	16,700	C	Jan 66	0	Plans have been approved.
	Ranger Station, Utility and			10/19/65		Oct 66		
	Employee Residences and Apartment							
	Roads and Trails							

MONTHLY PROGRESS REPORT

Area Everglades National Park

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1966	Tamiami: Signs and Markers, Shark Valley Observation Tower Road	R-119		Est. 4,600 10/19/65	DL	Feb 66 / Jun 66	0	P. Plans not completed.
1966	Tamiami: Elevated Trail, 0.14 mi. and Gates, Shark Valley Observation Tower	R-118		Est. 15,000 10/19/65	C	Mar 66 / May 66	0	D&C Plans not completed.

MONTHLY PROGRESS REPORT

Area: Fort Jefferson National Monument

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1962	211702 Garden Key: Seeding & Fertilizing (Parade Ground)	M-26	2003 1/39	3,000 2/6/63	DL	Feb 63 Jan 66	48	P. Unobligated balance of funds $1,272.5
1965	211704 Repair and Repointing Fort Walls and Casemates, General Cleanup	M-27-1	2003 1/39	27,400 7/13/64	DL	Jul 64 Jul 66	39	P. Work on walls is pending completion o plans. Unobligated balance of funds: $10,226.58.
1966	Garden Key: Stabilization of Fort Walls, Repair of Lower Casemates Embrasures, and General Cleanup	M-41 (Por.)	2003 1/39	Est. 33,200 10/20/65	DL	July 66 July 67	0	D&C and P. Plans have not been completed.

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